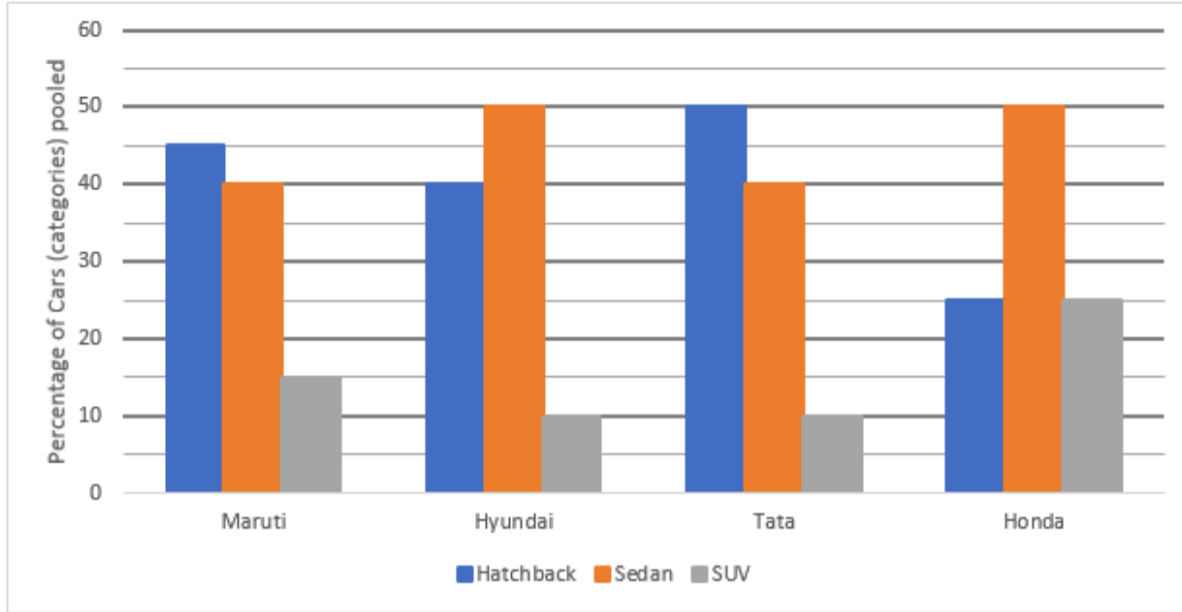


IDBI JAM & Assistant Manager Practice Set Paper-1

Q.1 If ratio of Maruti & Hyundai cars is 4 : 3 then by what percent sedan cars of Maruti are more/less than Hatchback cars of Hyundai?

Given bar graph shows the percentage of various categories (Hatchback, Sedan & Suv) of cars of four different manufacturers pooled as taxi in Gurgaon city. Read the data carefully & answer the questions.



- A. $33\frac{1}{3}\%$
- B. 25 %
- C. 10%
- D. $13\frac{1}{3}\%$
- E. $16\frac{2}{3}\%$

Answer: A

Sol: let Maruti & Hyundai cars be $400x$ & $300x$ respectively

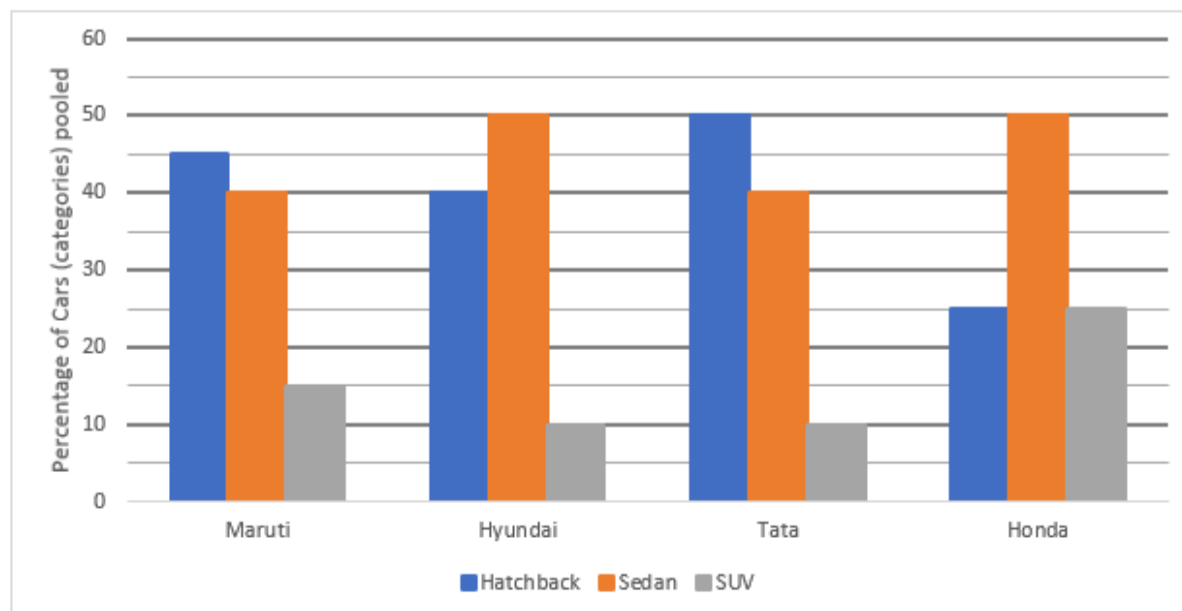
$$\text{Sedan cars of Maruti} = \frac{40}{100} \times 400x = 160x$$

$$\text{Hatchback cars of Hyundai} = \frac{40}{100} \times 300x = 120x$$

$$\text{Required \%} = \frac{160x - 120x}{120x} \times 100 = 33\frac{1}{3}\%$$

Q.2 No. of Hatchback cars of Maruti & Hyundai together is 50 more than no. of hatchback cars of Tata. Total cars of Maruti, Hyundai, Tata & Honda is in ratio 4 : 3 : 5 : 2 respectively. What is difference between sedan cars of Tata & hatchback cars of Honda?

Given bar graph shows the percentage of various categories (Hatchback, Sedan & Suv) of cars of four different manufacturers pooled as taxi in Gurgaon city. Read the data carefully & answer the questions.



- A. 145
- B. 165
- C. 155
- D. 150

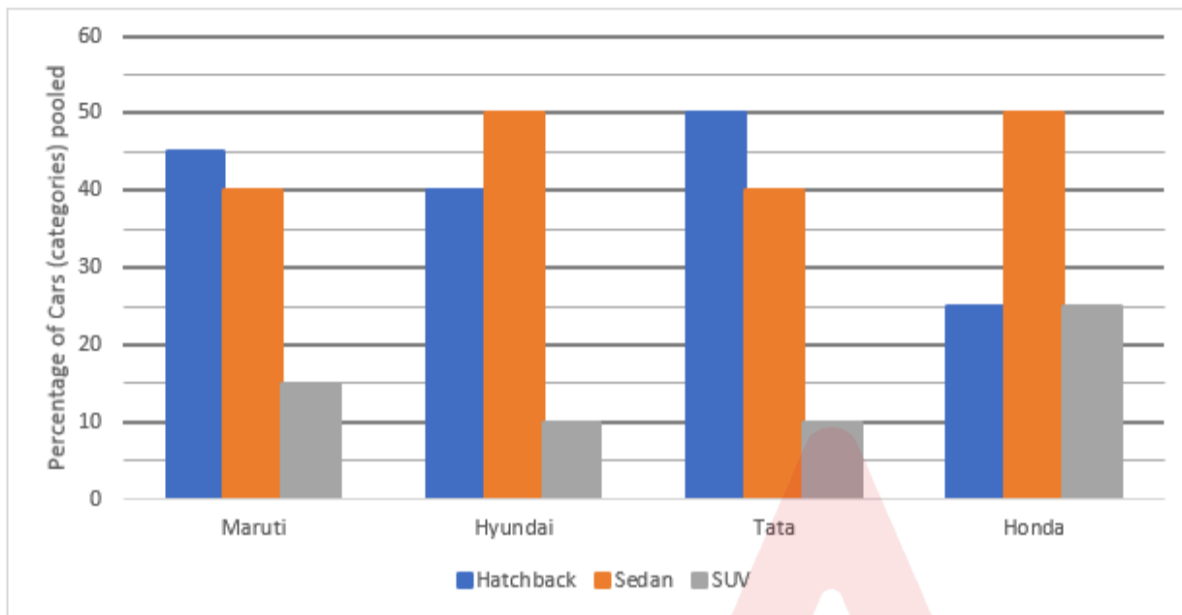
E. 160

Answer: D

Sol: let total cars of Maruti, Hyundai, Tata & Honda be $400x, 300x, 500x, 200x$ respectively
 ATQ, $\frac{45}{100} \times 400x + \frac{40}{100} \times 300x = 50 + \frac{50}{100} \times 500x$
 $180x + 120x = 50 + 250x$
 $x = 1$
 required difference = $\frac{40}{100} \times 500 - \frac{25}{100} \times 200 = 150$

Q.3 If there are total 700 cars of Tata & Honda together then how many sedan cars of Tata are there? (Consider SUV cars of both manufacturers are same).

Given bar graph shows the percentage of various categories (Hatchback, Sedan & Suv) of cars of four different manufacturers pooled as taxi in Gurgaon city. Read the data carefully & answer the questions.



- A. 280
- B. 150
- C. 200
- D. 250
- E. 170

Answer: C

Sol: let total cars of Tata & Honda be $100x$ & $100y$ respectively
 ATQ, $100x + 100y = 700$
 $x + y = 7$ (i)
 $\frac{10}{100} \times 100x = \frac{25}{100} \times 100y$
 $10x = 25y$
 $x : y = 5 : 2$ (ii)
 from (i) & (ii)
 $x = 5, y = 2$
 sedan cars of Tata = $\frac{40}{100} \times 100x = 200$

Q.4 If SUV cars of Maruti are twice that of Hyundai and Hyundai cars (total) are 50% more than Honda cars (total). What is ratio of total number of Hatchback & Sedan cars of Maruti to that of Sedan & SUV cars of Honda?

Given bar graph shows the percentage of various categories (Hatchback, Sedan & Suv) of cars of four different manufacturers pooled as

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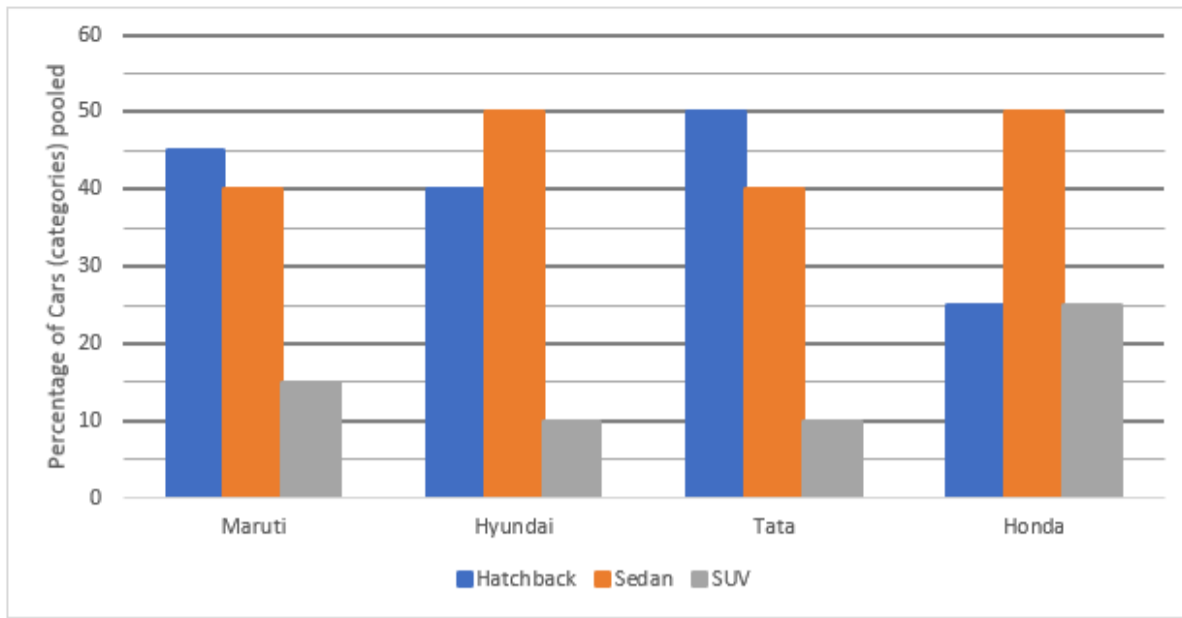


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taxi in Gurgaon city. Read the data carefully & answer the questions.

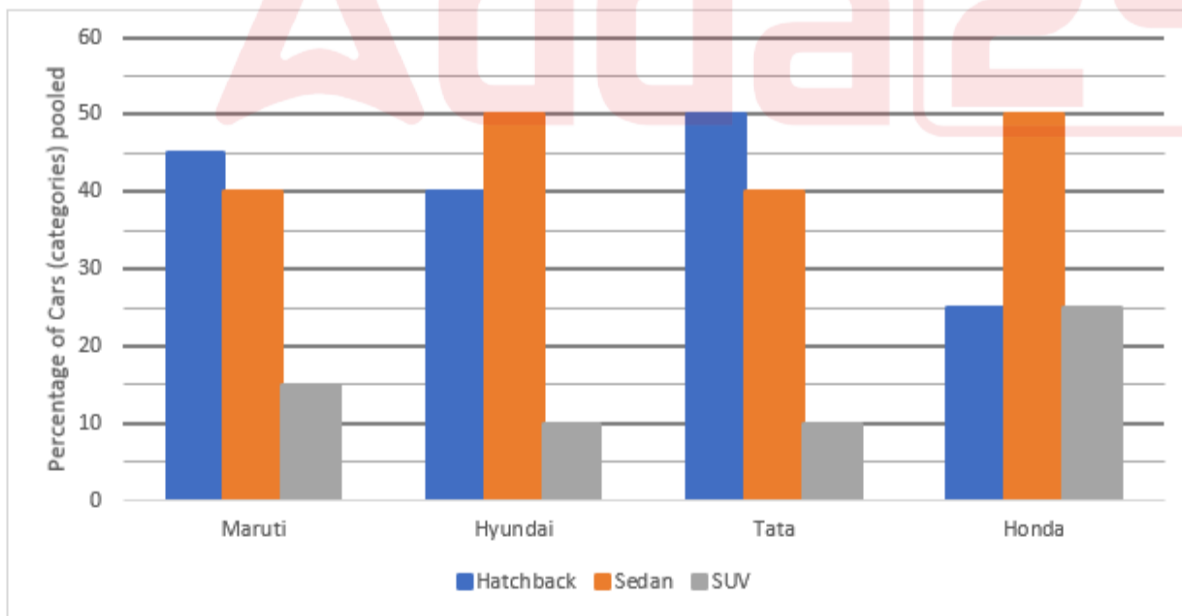


- A. 22 : 15
- B. 17 : 15
- C. Cannot be determined
- D. 9 : 5
- E. 34 : 15

Answer: E

Sol: let total cars of Maruti, Hyundai & Honda be 100x, 100y & 100z respectively
 ATQ, $\frac{15}{100} \times 100x = 2 \times \frac{10}{100} \times 100y$
 $15x = 20y$
 $x : y = 4 : 3$ (i)
 $100y = \frac{150}{100} \times 100z = 150z$
 $y : z = 3 : 2$ (ii)
 from (i) & (ii)
 $x : y : z = 4 : 3 : 2$
 required ratio = $\frac{45+40}{100} \times 100x : \frac{50+25}{100} \times 100z$
 = 85x : 75z
 = 17 × 4 : 15 × 2 = 34 : 15

Q.5 There are equal no. of SUV cars of Tata & Honda in the city. By what percent Honda cars (total) are more/less than Tata cars (total)?
Given bar graph shows the percentage of various categories (Hatchback, Sedan & Suv) of cars of four different manufacturers pooled as taxi in Gurgaon city. Read the data carefully & answer the questions.



- A. 55%
- B. 60%
- C. 150%
- D. Cannot be determined
- E. None of these

Answer: B

Sol:

let total cars of Tata & Honda be $100x$ & $100y$ respectively

$$\text{ATQ, } \frac{10}{100} \times 100x = \frac{25}{100} \times 100y$$

$$10x = 25y$$

$$x : y = 5 : 2$$

$$x = 5k \text{ \& } y = 2k \text{ (let)}$$

$$\text{total Tata cars} = 100x = 500k$$

$$\text{total Honda cars} = 100y = 200k$$

$$\text{required \%} = \frac{500k - 200k}{500k} \times 100 = 60\%$$

Q.6 Find the average number of total bikes manufacture by B, C and E?

The table given below shows total number of bikes (electric bikes + motor bikes) manufactured by five (A, B, C, D, E) different companies and difference between the motor bikes and electric bikes. Read the table carefully and answer the following questions.

Companies	Total motor bike and electric bikes	Difference between motor bikes and electric bikes
A	345	255
B	550	150
C	440	160
D	560	240
E	480	120

Note: Motor bikes manufactured by all the companies is more than that of electric bikes.

- A. 490
- B. 400
- C. 480
- D. 450
- E. 440

Answer: A

Sol: For company A,

Let the total motor bikes and electric bikes be m and e respectively.

$$m + e = 345$$

$$m - e = 255$$

$$2m = 600$$

$$m = 300$$

$$e = 45$$

Similarly, for other companies,

Companies	Total motor bike	Total electric bikes
A	300	45
B	350	200
C	300	140
D	400	160
E	300	180

$$\text{Required average} = \frac{550 + 440 + 480}{3} = 490$$

Q.7 Find the ratio of total electric bikes manufactured by C & D together to total motor bikes manufactured by A & E together?

The table given below shows total number of bikes (electric bikes + motor bikes) manufactured by five (A, B, C, D, E) different companies and difference between the motor bikes and electric bikes. Read the table carefully and answer the following questions.

Companies	Total motor bike and electric bikes	Difference between motor bikes and electric bikes
A	345	255
B	550	150
C	440	160
D	560	240
E	480	120

Note: Motor bikes manufactured by all the companies is more than that of electric bikes.

- A. 2:1
- B. 1:1
- C. 1:2
- D. 3:1
- E. 3:4

Answer: C

Sol: For company A,

Let the total motor bikes and electric bikes be m and e respectively.

$$m+e=345$$

$$m-e=255$$

$$2m=600$$

$$m=300$$

$$e=45$$

Similarly, for other companies,

Companies	Total motor bike	Total electric bikes
A	300	45
B	350	200
C	300	140
D	400	160
E	300	180

$$\text{Required ratio} = (140+160) : (300+300) = 300:600 = 1:2$$



Q.8 Find the difference between total bikes manufactured by D & E together and total electric bikes manufactured by C & D together?

The table given below shows total number of bikes (electric bikes + motor bikes) manufactured by five (A, B, C, D, E) different companies and difference between the motor bikes and electric bikes. Read the table carefully and answer the following questions.

Companies	Total motor bike and electric bikes	Difference between motor bikes and electric bikes
A	345	255
B	550	150
C	440	160
D	560	240
E	480	120

Note: Motor bikes manufactured by all the companies is more than that of electric bikes.

- A. 740
- B. 750
- C. 700
- D. 760
- E. 725

Answer: A

Sol: For company A,

Let the total motor bikes and electric bikes be m and e respectively.

$$m+e=345$$

$$m-e=255$$

$2m=600$

$m=300$

$e=45$

Similarly, for other companies,

Companies	Total motor bike	Total electric bikes
A	300	45
B	350	200
C	300	140
D	400	160
E	300	180

Required difference = $(560+480) - (140+160) = 1040 - 300 = 740$

Q.9 Total motor bikes manufactured by D & B together is what percentage more than total electric bike manufactured by B, C & D together?

The table given below shows total number of bikes (electric bikes + motor bikes) manufactured by five (A, B, C, D, E) different companies and difference between the motor bikes and electric bikes. Read the table carefully and answer the following questions.

Companies	Total motor bike and electric bikes	Difference between motor bikes and electric bikes
A	345	255
B	550	150
C	440	160
D	560	240
E	480	120

Note: Motor bikes manufactured by all the companies is more than that of electric bikes.

- A. 30%
- B. 40%
- C. 60%
- D. 50%
- E. 10%

Answer: D

Sol: For company A,

Let the total motor bikes and electric bikes be m and e respectively.

$m+e=345$

$m-e=255$

$2m=600$

$m=300$

$e=45$

Similarly, for other companies,

Companies	Total motor bike	Total electric bikes
A	300	45
B	350	200
C	300	140
D	400	160
E	300	180

Required percentage = $\frac{750-500}{500} \times 100 = 50\%$

Q.10 If total cars manufactured by company C is 25% more than total motor bikes manufactured by E. If the ratio of Sedan and SUV cars manufactured by company C is 7:8 respectively, then find total Sedan car manufactured by C is how much more than total electric bike manufactured by A?

The table given below shows total number of bikes (electric bikes + motor bikes) manufactured by five (A, B, C, D, E) different companies and

difference between the motor bikes and electric bikes. Read the table carefully and answer the following questions.

Companies	Total motor bike and electric bikes	Difference between motor bikes and electric bikes
A	345	255
B	550	150
C	440	160
D	560	240
E	480	120

Note: Motor bikes manufactured by all the companies is more than that of electric bikes.

- A. 100
- B. 120
- C. 110
- D. 150
- E. 130

Answer: E

Sol: For company A,

Let the total motor bikes and electric bikes be m and e respectively.

$$m + e = 345$$

$$m - e = 255$$

$$2m = 600$$

$$m = 300$$

$$e = 45$$

Similarly, for other companies,

Companies	Total motor bike	Total electric bikes
A	300	45
B	350	200
C	300	140
D	400	160
E	300	180

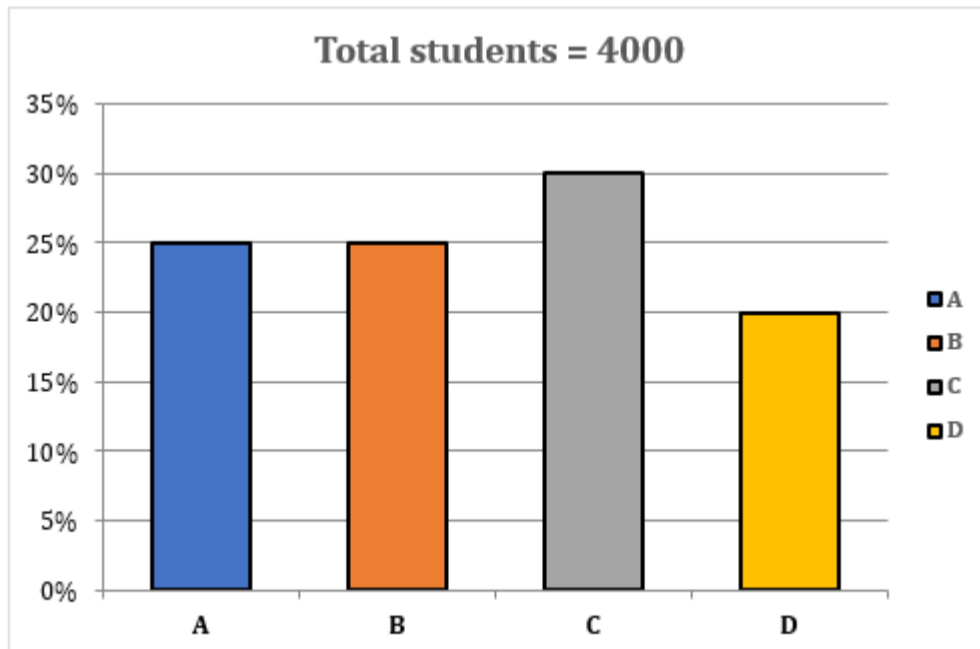
$$\text{Total cars manufactured by C} = \frac{125}{100} \times 300 = 375$$

$$\text{Sedan cars manufactured by C} = 375 \times \frac{7}{15} = 25 \times 7 = 175$$

$$\text{Required answer} = 175 - 45 = 130$$

Q.11 If 38% of the total girls in C are get placement and the ratio of boys to girls who are get placement in C is 3 : 5, then find total students who did not get placement in C is what percent of total students in C?

Bar graph given below shows the percentage distribution of total students in four different streams (A, B, C & D) of collage - X and table shows the number of boys in these streams. Study the bar graph and table given below and answer the following questions.



Streams	Total number of boys
A	480
B	450
C	700
D	320

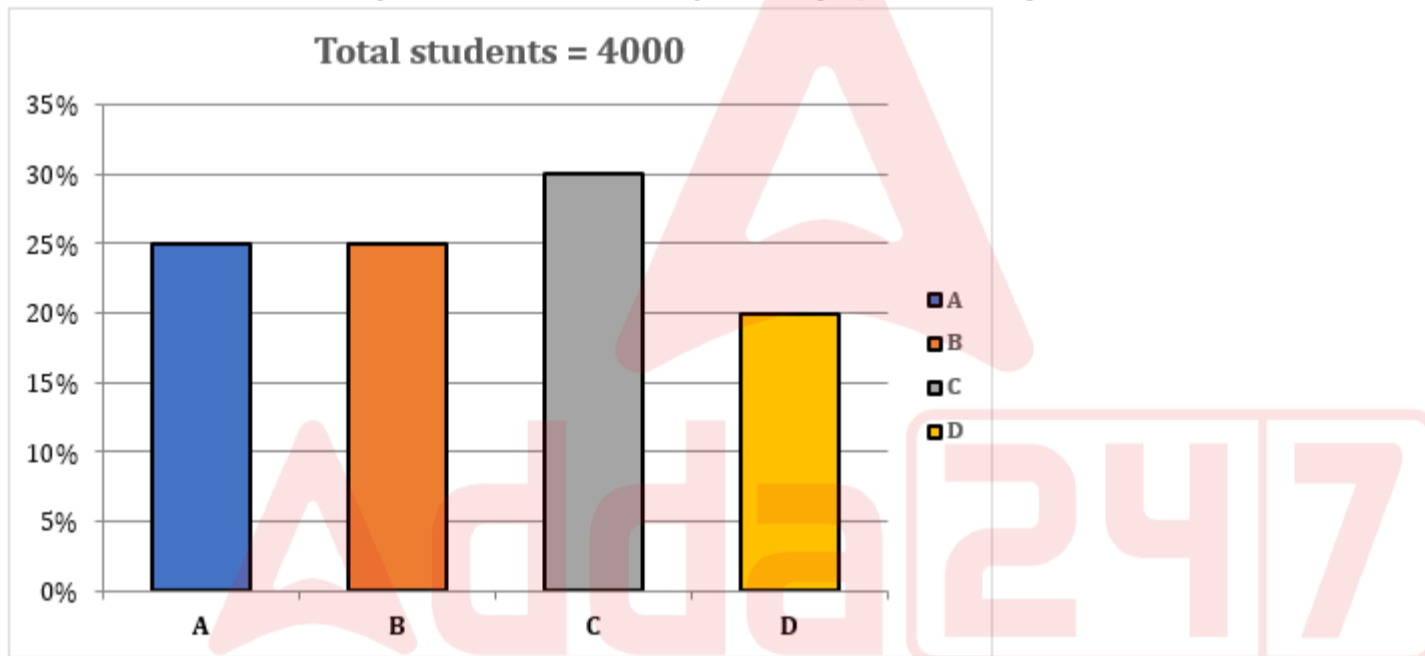
- A. $83\frac{1}{3}\%$
- B. $74\frac{2}{3}\%$
- C. $65\frac{2}{3}\%$
- D. $70\frac{2}{3}\%$
- E. $78\frac{1}{3}\%$

Answer: B

Sol: Total girls in C who get placement
 $= \left(\left(4000 \times \frac{30}{100} \right) - 700 \right) \times \frac{38}{100} = 190$
 Total boys in C who get placement $= 190 \times \frac{3}{5} = 114$
 Required percentage $= \frac{\left(\left(4000 \times \frac{30}{100} \right) - (190 + 114) \right)}{4000 \times \frac{30}{100}} \times 100$
 $= \frac{1200 - 304}{1200} \times 100$
 $= 74\frac{2}{3}\%$

Q.12 If the ratio of total number of boys to girls in collage – Y is 4 : 3 and total boys in collage – Y are 300% more than boys in stream C of collage – X, then find total students in collage – Y are how much more or less than that of in collage – X?

Bar graph given below shows the percentage distribution of total students in four different streams (A, B, C & D) of collage - X and table shows the number of boys in these streams. Study the bar graph and table given below and answer the following questions.



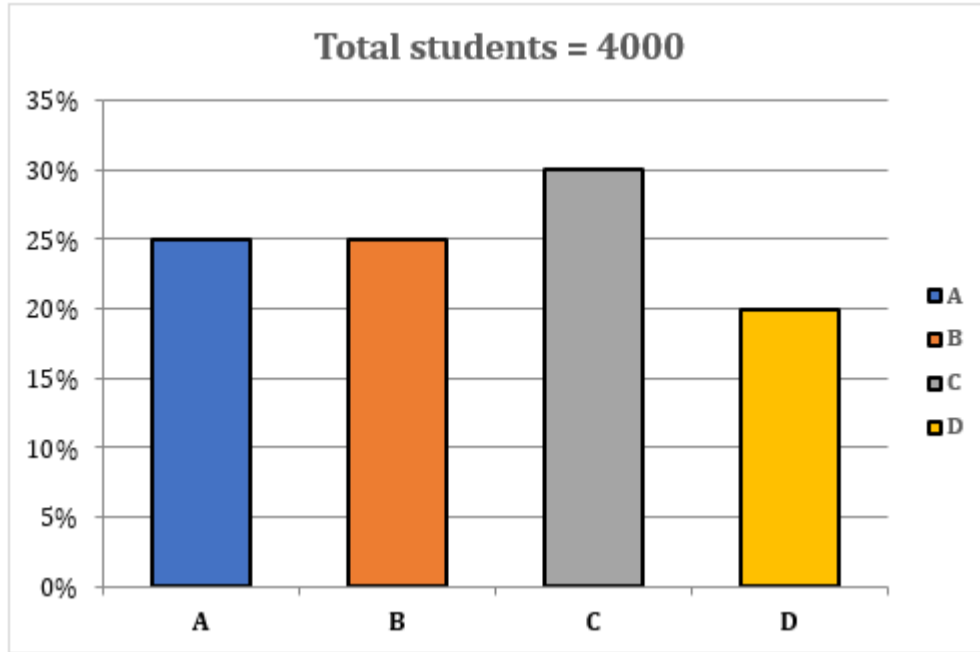
Streams	Total number of boys
A	480
B	450
C	700
D	320

- A. 900
- B. 1600
- C. 1120
- D. 1260
- E. 1500

Answer: A

Sol: Total boys in collage – Y $= \frac{400}{100} \times 700 = 2800$
 Total number of girls in collage – Y $= 2800 \times \frac{3}{4} = 2100$
 Required difference $= (2800 + 2100) - 4000 = 900$

Q.13 If 16% of total girls left stream B and all joined stream D, then find the percentage change in number of girls in D after all girls who left B joined D.
Bar graph given below shows the percentage distribution of total students in four different streams (A, B, C & D) of collage - X and table shows the number of boys in these streams. Study the bar graph and table given below and answer the following questions.



Streams	Total number of boys
A	480
B	450
C	700
D	320

- A. $25\frac{2}{3}\%$
- B. $34\frac{2}{3}\%$
- C. $18\frac{1}{3}\%$
- D. $30\frac{2}{3}\%$
- E. $35\frac{1}{3}\%$

Answer: C

Sol:

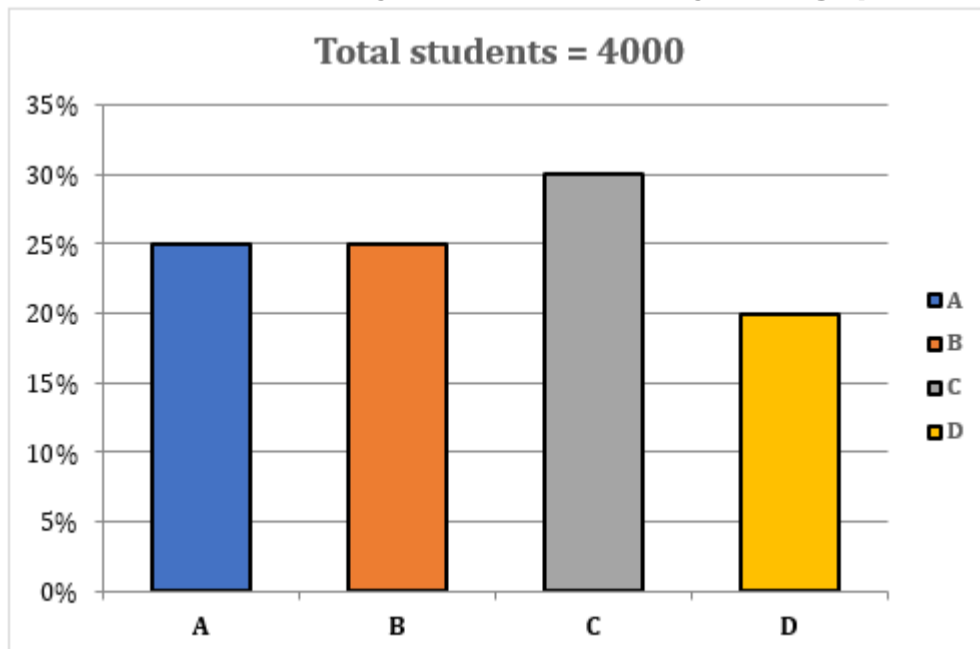
$$\text{Total girls left stream B} = \left(\left(4000 \times \frac{25}{100} \right) - 450 \right) \times \frac{16}{100} = 88$$

$$\text{Total girls in stream D} = \left(4000 \times \frac{20}{100} \right) - 320 = 480$$

$$\text{Required percentage} = \frac{(480+88)-480}{480} \times 100 = 18\frac{1}{3}\%$$

Q.14 If boys in collage – P are 850 more than total girls in stream B of collage – X, then find average number of girls in A, C & D of collage - X are how much less than total boys in collage – P?

Bar graph given below shows the percentage distribution of total students in four different streams (A, B, C & D) of collage - X and table shows the number of boys in these streams. Study the bar graph and table given below and answer the following questions.



Streams	Total number of boys
A	480
B	450
C	700
D	320

- A. 800
- B. 900
- C. 720
- D. 960
- E. 1040

Answer: B

Sol:

$$\text{Total boys in collage} - P = \left(\left(4000 \times \frac{25}{100} \right) - 450 \right) + 850$$

$$= 1400$$

Average number of girls in A, C & D in company - X

$$= \frac{1}{3} \times \left(\left(4000 \times \frac{75}{100} \right) - (480 + 700 + 320) \right)$$

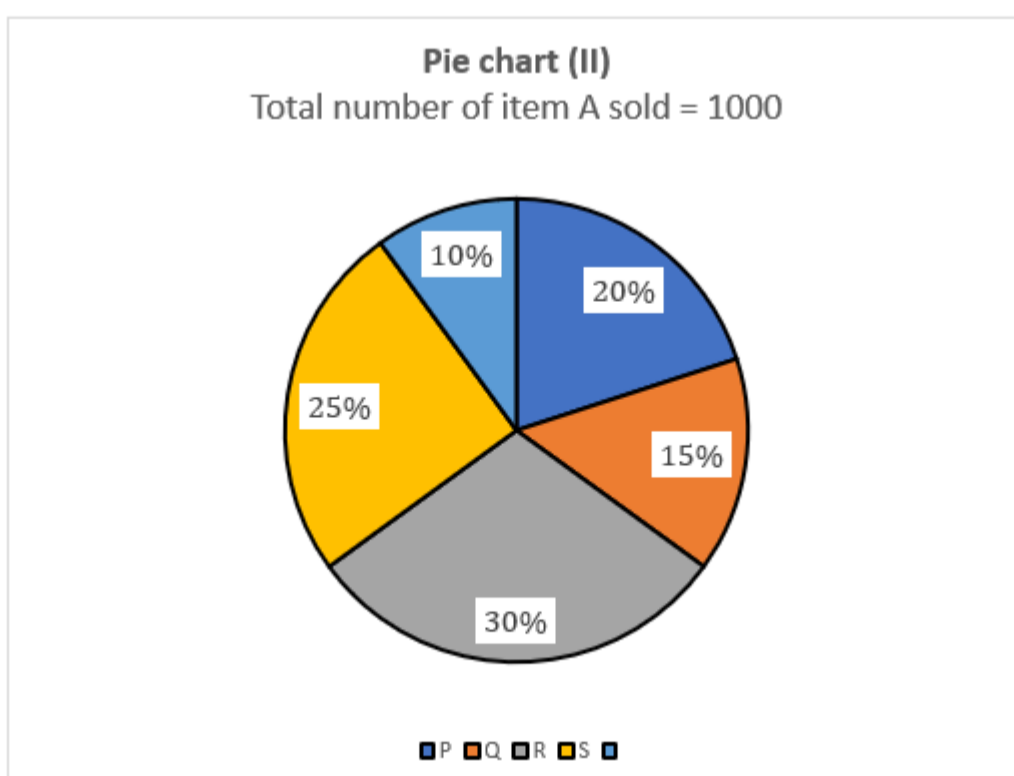
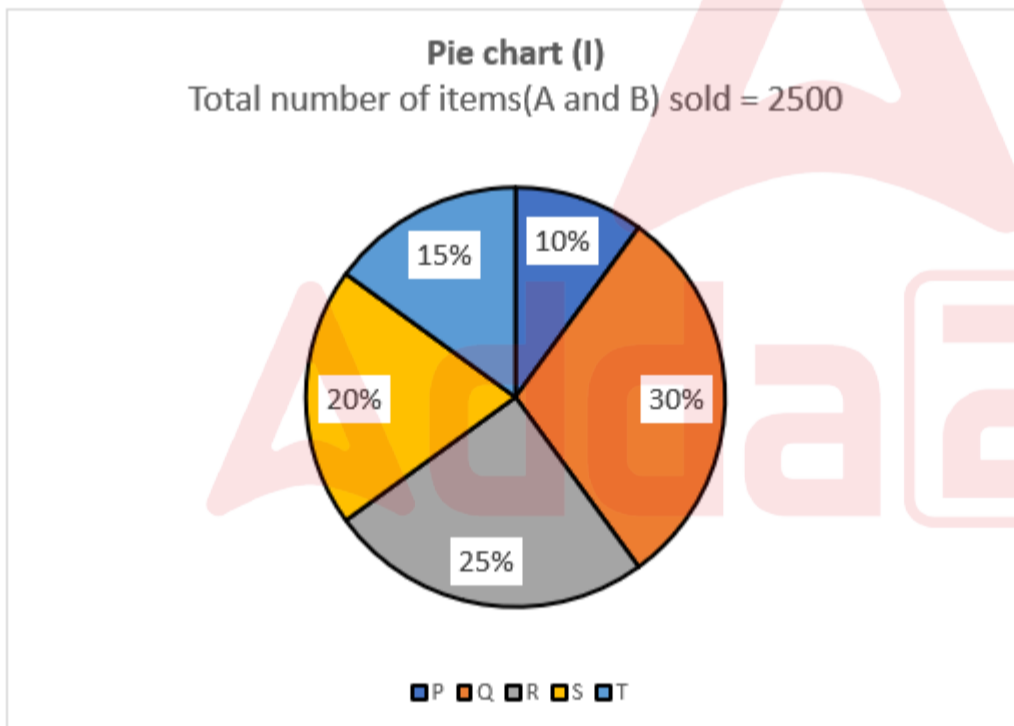
$$= \frac{1}{3} \times (1500)$$

$$= 500$$

$$\text{Required difference} = 1400 - 500 = 900$$

Q.15 Find the number of item A sold in city P and Q together is what percentage of the number of items A sold by S and T.

The Pie chart (I) shows the percentage distribution of total number of items (A and B) sold in five different (P, Q, R, S and T) cities. The Pie chart (II) shows the percentage distribution of number of item A sold in these cities. Read both the pie charts carefully and answer the following questions.



- A. 75%
- B. 125%
- C. 150%
- D. 100%
- E. 50%

Answer: D

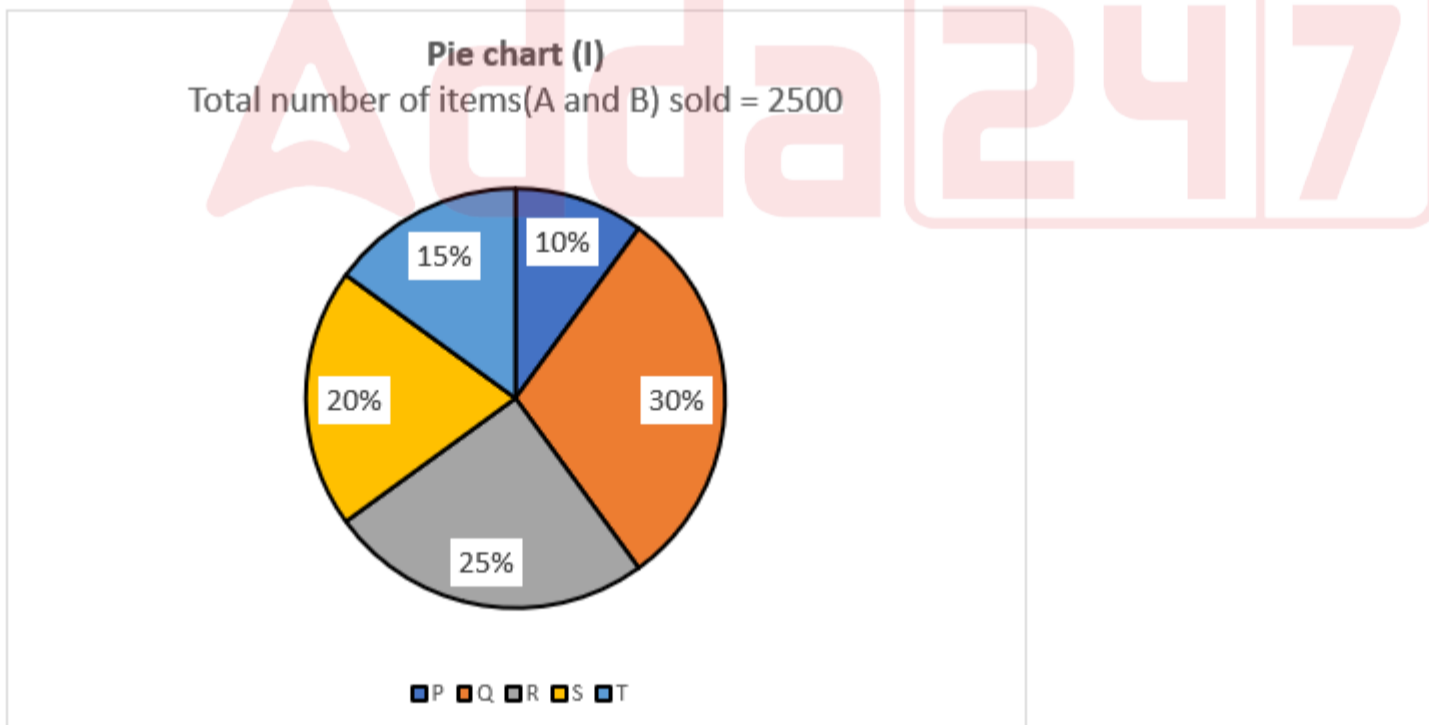
Sol: Total number of items (A and B) sold in city P = $\frac{10}{100} \times 2500 = 250$
 Total number of items (A and B) sold in city Q = $\frac{30}{100} \times 2500 = 750$
 Total number of items (A and B) sold in city R = $\frac{25}{100} \times 2500 = 625$
 Total number of items (A and B) sold in city S = $\frac{20}{100} \times 2500 = 500$
 Total number of items (A and B) sold in city T = $\frac{15}{100} \times 2500 = 375$
 Total item A sold in city P = $\frac{20}{100} \times 1000 = 200$
 Total item A sold in city Q = $\frac{15}{100} \times 1000 = 150$
 Total item A sold in city R = $\frac{30}{100} \times 1000 = 300$
 Total item A sold in city S = $\frac{25}{100} \times 1000 = 250$
 Total item A sold in city T = $\frac{10}{100} \times 1000 = 100$

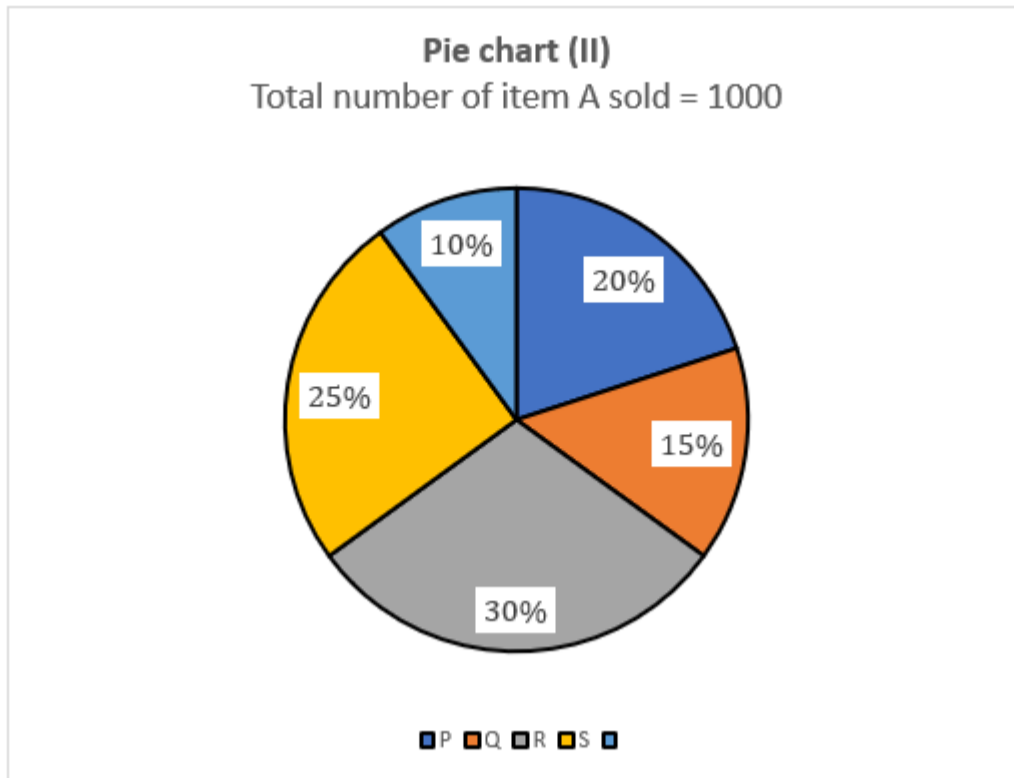
Cities	Total items (A and B) sold	Item A sold	Item B sold
P	250	200	250 - 200 = 50
Q	750	150	750 - 150 = 600
R	625	300	625 - 300 = 325
S	500	250	500 - 250 = 250
T	375	100	375 - 100 = 275

$$\text{Required percentage} = \frac{200+150}{250+100} \times 100 = \frac{350}{350} \times 100 = 100\%$$

Q.16 If the 20% of the sold item A in city S are defective and 25% of the sold item of B in city Q are non-defective, then find the total item A and B from city S & Q are non-defective.

The Pie chart (I) shows the percentage distribution of total number of items (A and B) sold in five different (P, Q, R, S and T) cities. The Pie chart (II) shows the percentage distribution of number of item A sold in these cities. Read both the pie charts carefully and answer the following questions.





- A. 215
- B. 280
- C. 225
- D. 260
- E. 350

Answer: E

Sol: Total number of items (A and B) sold in city P = $\frac{10}{100} \times 2500 = 250$
 Total number of items (A and B) sold in city Q = $\frac{30}{100} \times 2500 = 750$
 Total number of items (A and B) sold in city R = $\frac{25}{100} \times 2500 = 625$
 Total number of items (A and B) sold in city S = $\frac{20}{100} \times 2500 = 500$
 Total number of items (A and B) sold in city T = $\frac{15}{100} \times 2500 = 375$
 Total item A sold in city P = $\frac{20}{100} \times 1000 = 200$
 Total item A sold in city Q = $\frac{15}{100} \times 1000 = 150$
 Total item A sold in city R = $\frac{30}{100} \times 1000 = 300$
 Total item A sold in city S = $\frac{25}{100} \times 1000 = 250$
 Total item A sold in city T = $\frac{10}{100} \times 1000 = 100$

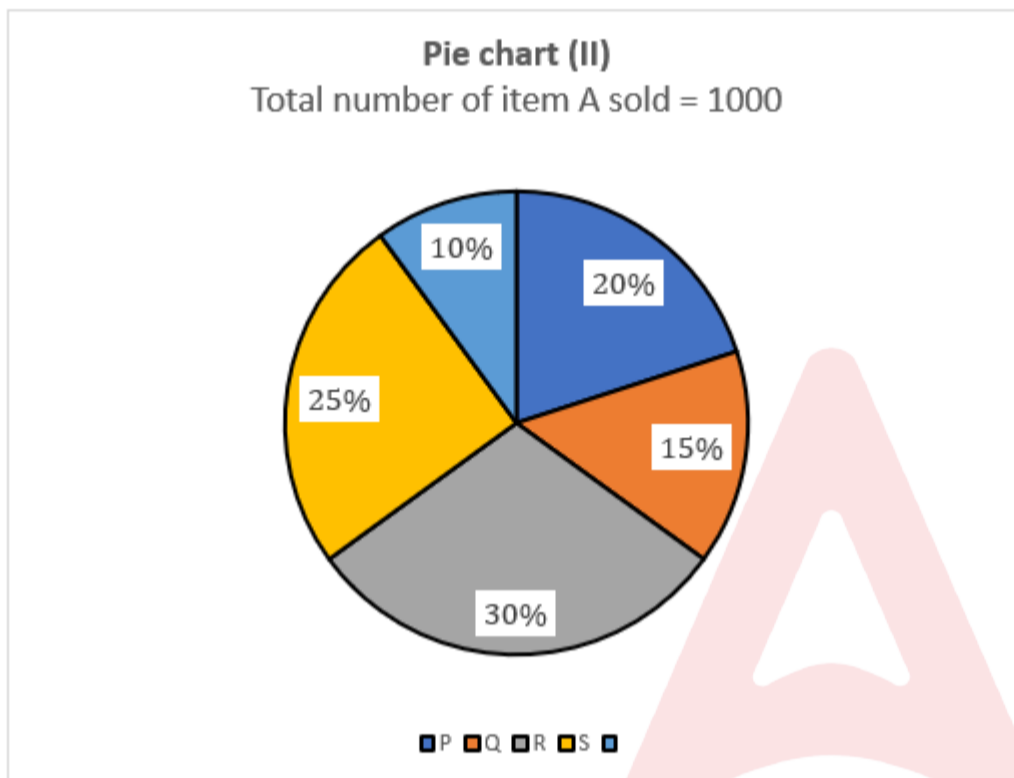
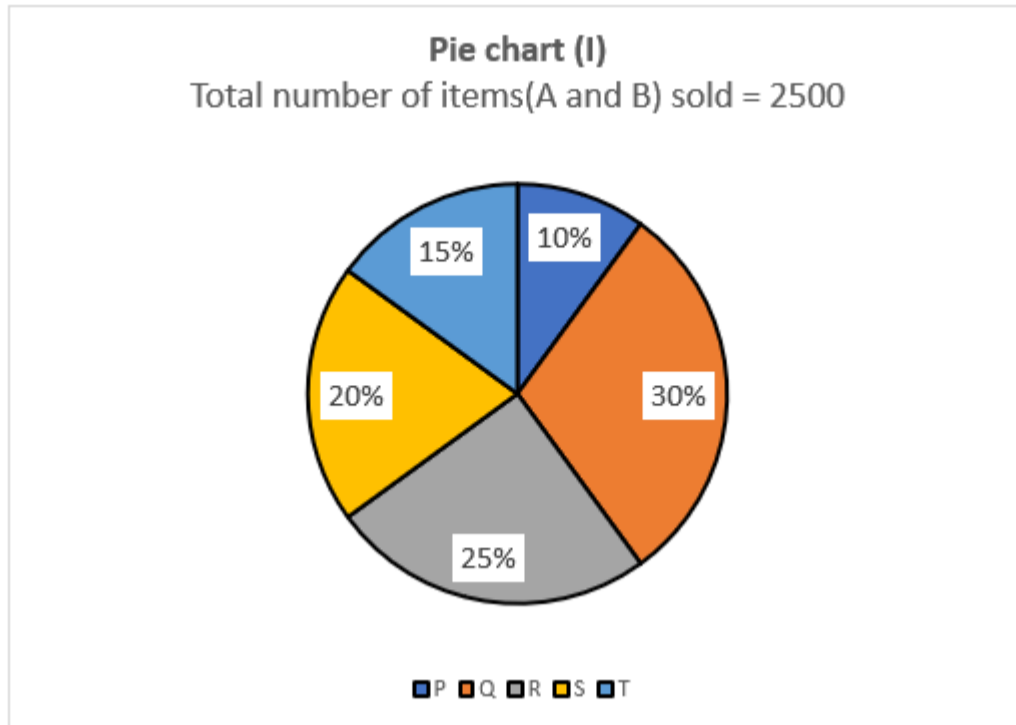
Cities	Total items (A and B) sold	Item A sold	Item B sold
P	250	200	$250 - 200 = 50$
Q	750	150	$750 - 150 = 600$
R	625	300	$625 - 300 = 325$
S	500	250	$500 - 250 = 250$
T	375	100	$375 - 100 = 275$

Total number of item A in city S that are non-defective = $\frac{80}{100} \times 250 = 200$
 Total number of item B in city Q that are non-defective = $\frac{25}{100} \times 600 = 150$
 Required sum = $200 + 150 = 350$

Q.17 Price of each item A and B sold in city Q is Rs. 20 and Rs. 25. respectively. Find the difference between the revenue generated by selling all the item A and item B in the city Q.

The Pie chart (I) shows the percentage distribution of total number of items (A and B) sold in five different (P, Q, R, S and T) cities. The Pie chart (II) shows the percentage distribution of number of item A sold in these cities. Read both the pie charts carefully and answer

the following questions.



- A. Rs. 12500
- B. Rs. 13000
- C. Rs. 12000
- D. Rs. 14000
- E. Rs. 16000

Answer: C

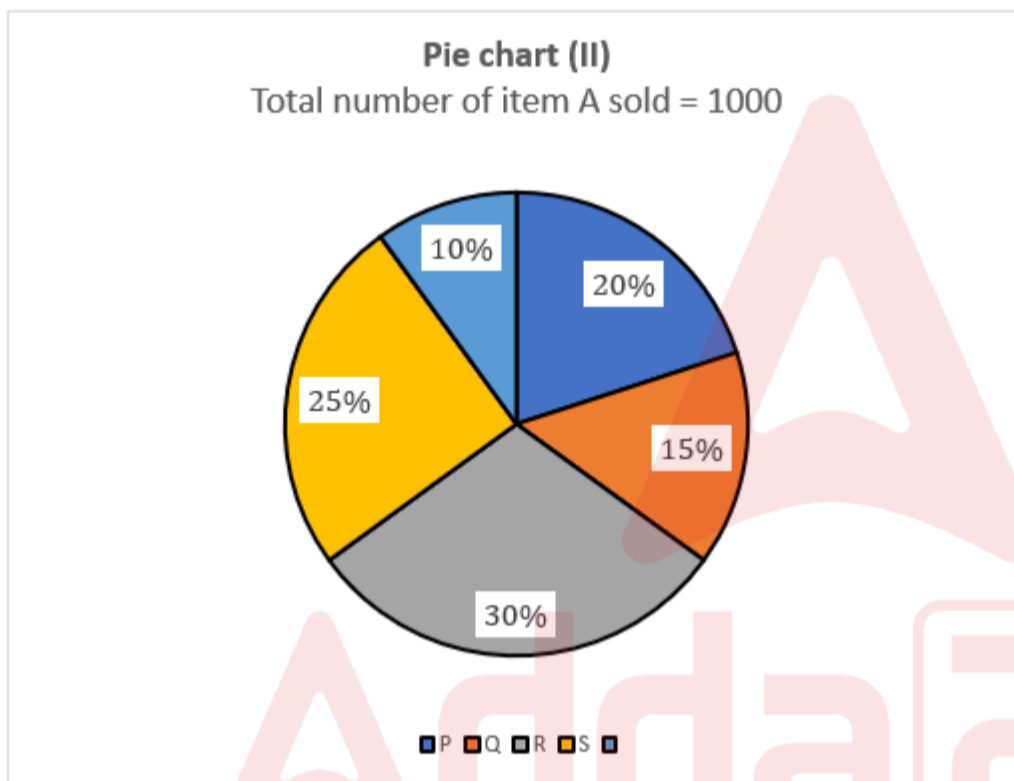
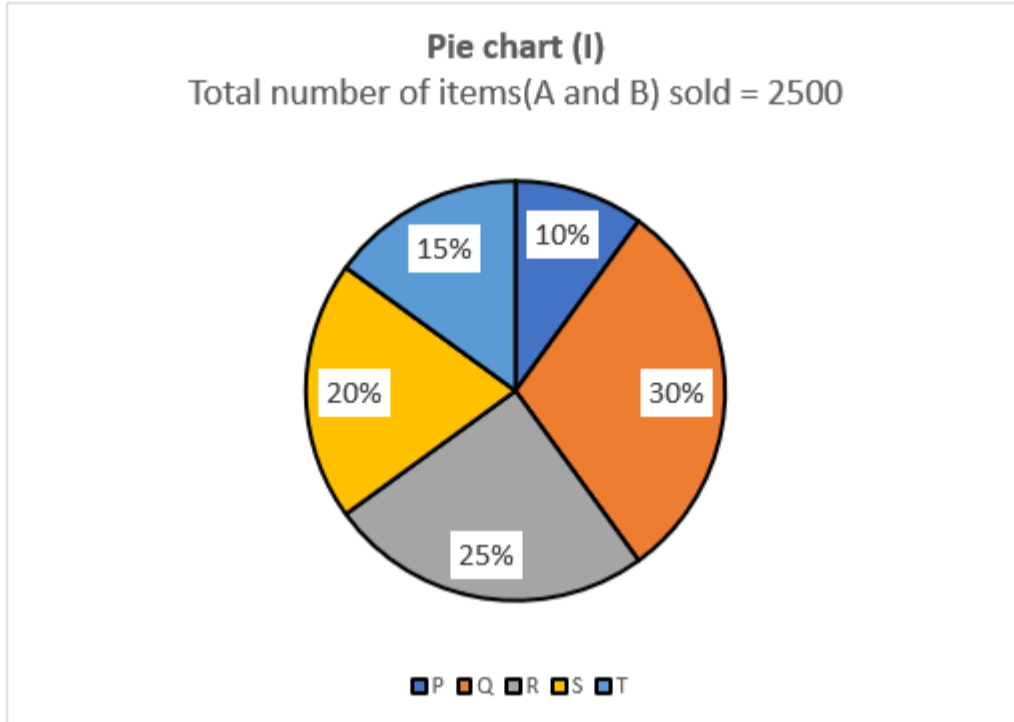
Sol: Total number of items (A and B) sold in city P = $\frac{10}{100} \times 2500 = 250$
 Total number of items (A and B) sold in city Q = $\frac{30}{100} \times 2500 = 750$
 Total number of items (A and B) sold in city R = $\frac{25}{100} \times 2500 = 625$
 Total number of items (A and B) sold in city S = $\frac{20}{100} \times 2500 = 500$
 Total number of items (A and B) sold in city T = $\frac{15}{100} \times 2500 = 375$
 Total item A sold in city P = $\frac{20}{100} \times 1000 = 200$
 Total item A sold in city Q = $\frac{15}{100} \times 1000 = 150$
 Total item A sold in city R = $\frac{30}{100} \times 1000 = 300$
 Total item A sold in city S = $\frac{25}{100} \times 1000 = 250$
 Total item A sold in city T = $\frac{10}{100} \times 1000 = 100$

Cities	Total items (A and B) sold	Item A sold	Item B sold
P	250	200	250 - 200 = 50
Q	750	150	750 - 150 = 600
R	625	300	625 - 300 = 325
S	500	250	500 - 250 = 250
T	375	100	375 - 100 = 275

Required difference = $25 \times 600 - 20 \times 150 = 15000 - 3000 = \text{Rs. } 12000$

Q.18 Ratio of male to females who purchased item A from city Q is 11: 4 and 125 females who purchased item B in city T. Find the total number of males who purchased item A from city Q and item B from city T.

The Pie chart (I) shows the percentage distribution of total number of items (A and B) sold in five different (P, Q, R, S and T) cities. The Pie chart (II) shows the percentage distribution of number of item A sold in these cities. Read both the pie charts carefully and answer the following questions.



- A. 410
- B. 450
- C. 380
- D. 260
- E. 580

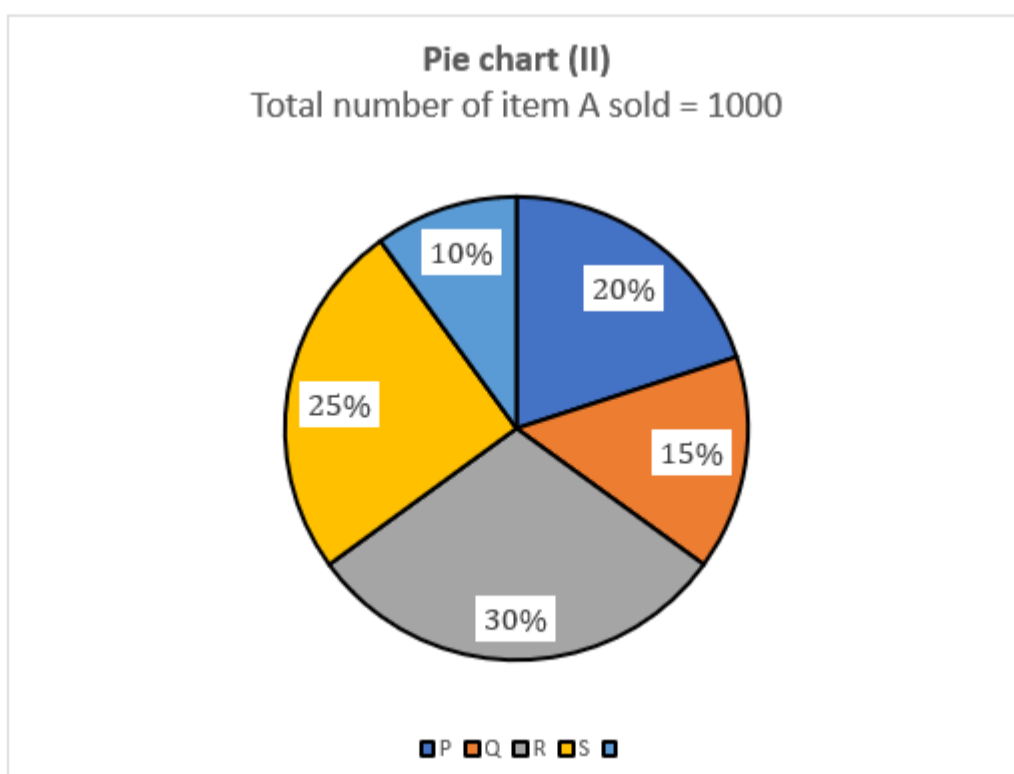
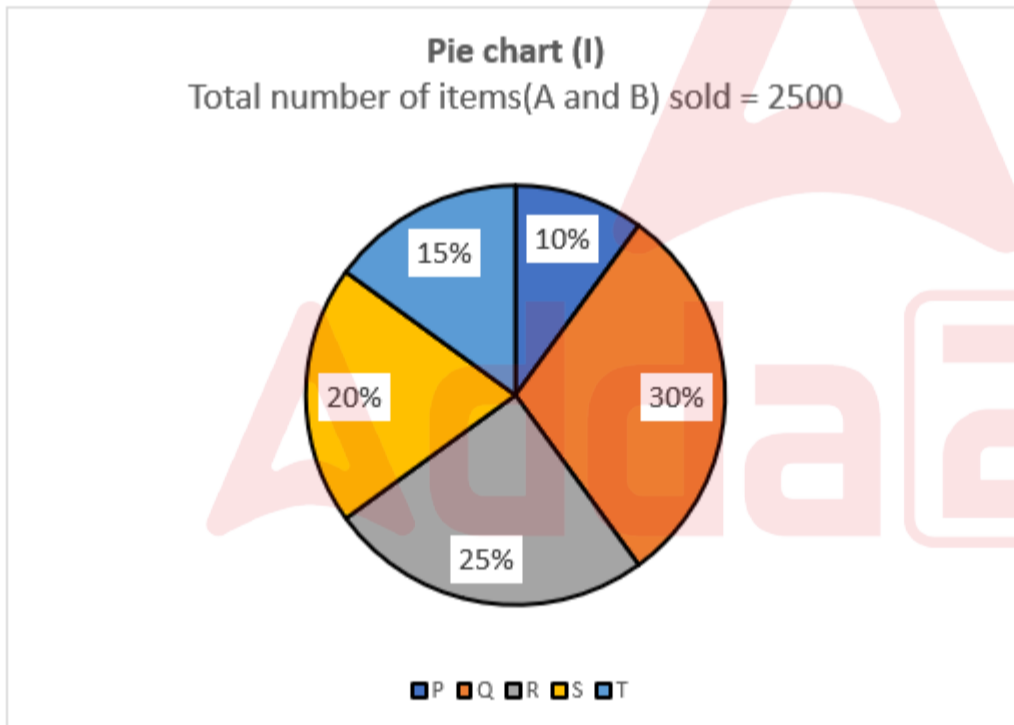
Answer: D

Sol: Total number of items (A and B) sold in city P = $\frac{10}{100} \times 2500 = 250$
 Total number of items (A and B) sold in city Q = $\frac{30}{100} \times 2500 = 750$
 Total number of items (A and B) sold in city R = $\frac{25}{100} \times 2500 = 625$
 Total number of items (A and B) sold in city S = $\frac{20}{100} \times 2500 = 500$
 Total number of items (A and B) sold in city T = $\frac{15}{100} \times 2500 = 375$
 Total item A sold in city P = $\frac{20}{100} \times 1000 = 200$
 Total item A sold in city Q = $\frac{15}{100} \times 1000 = 150$
 Total item A sold in city R = $\frac{30}{100} \times 1000 = 300$
 Total item A sold in city S = $\frac{25}{100} \times 1000 = 250$
 Total item A sold in city T = $\frac{10}{100} \times 1000 = 100$

Cities	Total items (A and B) sold	Item A sold	Item B sold
P	250	200	250 - 200 = 50
Q	750	150	750 - 150 = 600
R	625	300	625 - 300 = 325
S	500	250	500 - 250 = 250
T	375	100	375 - 100 = 275

Total number of males who purchased item A from Q = $\frac{11}{15} \times 150 = 110$
 Total number of males who purchased item B from city T = $275 - 125 = 150$
 Required sum = $110 + 150 = 260$

Q.19 Find the ratio of total number of items (A and B) sold in cities P and R together to the total number of items (A and B) sold in S and T together.
The Pie chart (I) shows the percentage distribution of total number of items (A and B) sold in five different (P, Q, R, S and T) cities. The Pie chart (II) shows the percentage distribution of number of item A sold in these cities. Read both the pie charts carefully and answer the following questions.



- A. 1: 1
- B. 1: 2
- C. 1: 3
- D. 3: 1
- E. 2: 1

Answer: A

Sol: Total number of items (A and B) sold in city P = $\frac{10}{100} \times 2500 = 250$
 Total number of items (A and B) sold in city Q = $\frac{30}{100} \times 2500 = 750$
 Total number of items (A and B) sold in city R = $\frac{25}{100} \times 2500 = 625$
 Total number of items (A and B) sold in city S = $\frac{20}{100} \times 2500 = 500$
 Total number of items (A and B) sold in city T = $\frac{15}{100} \times 2500 = 375$
 Total item A sold in city P = $\frac{20}{100} \times 1000 = 200$
 Total item A sold in city Q = $\frac{15}{100} \times 1000 = 150$
 Total item A sold in city R = $\frac{30}{100} \times 1000 = 300$
 Total item A sold in city S = $\frac{25}{100} \times 1000 = 250$
 Total item A sold in city T = $\frac{10}{100} \times 1000 = 100$

Cities	Total items (A and B) sold	Item A sold	Item B sold
P	250	200	250 - 200 = 50
Q	750	150	750 - 150 = 600
R	625	300	625 - 300 = 325
S	500	250	500 - 250 = 250
T	375	100	375 - 100 = 275

Required ratio = $\frac{875}{875} = 1: 1$

Q.20 What is the place of the word 'Sharp' in step 4?

A word and number arrangement machine when given an input line of numbers and words rearranges them following a particular rule in each step. The following is an illustration of an input & its rearrangement.

Input: High 32 Easy 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17

Step 1: Easy High 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17 32

Step 2: Easy Broad High 65 Hard Soft 87 45 Calm 59 Nice 17 24 32

Step 3: Easy Broad Calm High 65 Hard Soft 87 59 Nice 45 17 24 32

Step 4: Easy Broad Calm Hard High Soft 87 59 Nice 65 45 17 24 32

Step 5: Easy Broad Calm Hard High Nice Soft 87 59 65 45 17 24 32

Step 5 is the last step of the above input as per the rules followed in the above steps. As per the above rule followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

- A. Second from left end
- B. Two places away from 19
- C. Three places away from slow
- D. Third from the right end
- E. None of these

Answer: E

Sol: Numbers- Arranged all the numbers in increasing order from right to left as take their resultant digit sum.

Words- Arrange the word according to the first word if it is a vowel arrange them firstly according to alphabetical order and then arrange consonants according to the alphabetical order from left to right.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

Step 1: Olive Bright 26 Strong 68 Slow 90 Sharp 47 Steady 43 Nobel 19 33

Step 2: Olive Bright Nobel 26 Strong 68 Slow 90 Sharp 47 Steady 19 43 33

Step 3: Olive Bright Nobel Sharp Strong 68 Slow 90 47 Steady 19 26 43 33

Step 4: Olive Bright Nobel Sharp Slow Strong 68 47 Steady 19 90 26 43 33

Step 5: Olive Bright Nobel Sharp Slow Steady Strong 68 47 19 90 26 43 33

None of these

Q.21 Which element is third to the left of the element which is second from the right end in step 3?

A word and number arrangement machine when given an input line of numbers and words rearranges them following a particular rule in each step. The following is an illustration of an input & its rearrangement.

Input: High 32 Easy 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17

Step 1: Easy High 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17 32

Step 2: Easy Broad High 65 Hard Soft 87 45 Calm 59 Nice 17 24 32

Step 3: Easy Broad Calm High 65 Hard Soft 87 59 Nice 45 17 24 32

Step 4: Easy Broad Calm Hard High Soft 87 59 Nice 65 45 17 24 32

Step 5: Easy Broad Calm Hard Nice Soft 87 59 65 45 17 24 32

Step 5 is the last step of the above input as per the rules followed in the above steps. As per the above rule followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

- A. Olive
- B. Bright
- C. 26
- D. Steady
- E. None of these

Answer: D

Sol:

Numbers- Arranged all the numbers in increasing order from right to left as take their resultant digit sum.

Words- Arrange the word according to the first word if it is a vowel arrange them firstly according to alphabetical order and then arrange consonants according to the alphabetical order from left to right.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

Step 1: Olive Bright 26 Strong 68 Slow 90 Sharp 47 Steady 43 Nobel 19 33

Step 2: Olive Bright Nobel 26 Strong 68 Slow 90 Sharp 47 Steady 19 43 33

Step 3: Olive Bright Nobel Sharp Strong 68 Slow 90 47 Steady 19 26 43 33

Step 4: Olive Bright Nobel Sharp Slow Strong 68 47 Steady 19 90 26 43 33

Step 5: Olive Bright Nobel Sharp Slow Steady Strong 68 47 19 90 26 43 33

In step 3, the second element from the right end is 43, 3rd to the left of 43 is steady.

Q.22 What is the sum of numbers which is second and third from right end in step 5?

A word and number arrangement machine when given an input line of numbers and words rearranges them following a particular rule in each step. The following is an illustration of an input & its rearrangement.

Input: High 32 Easy 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17

Step 1: Easy High 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17 32

Step 2: Easy Broad High 65 Hard Soft 87 45 Calm 59 Nice 17 24 32

Step 3: Easy Broad Calm High 65 Hard Soft 87 59 Nice 45 17 24 32

Step 4: Easy Broad Calm Hard High Soft 87 59 Nice 65 45 17 24 32

Step 5: Easy Broad Calm Hard High Nice Soft 87 59 65 45 17 24 32

Step 5 is the last step of the above input as per the rules followed in the above steps. As per the above rule followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

- A. 61
- B. 69
- C. 67
- D. 68
- E. None of these

Answer: B

Sol:

Numbers- Arranged all the numbers in increasing order from right to left as take their resultant digit sum.

Words- Arrange the word according to the first word if it is a vowel arrange them firstly according to alphabetical order and then arrange consonants according to the alphabetical order from left to right.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

Step 1: Olive Bright 26 Strong 68 Slow 90 Sharp 47 Steady 43 Nobel 19 33

Step 2: Olive Bright Nobel 26 Strong 68 Slow 90 Sharp 47 Steady 19 43 33

Step 3: Olive Bright Nobel Sharp Strong 68 Slow 90 47 Steady 19 26 43 33

Step 4: Olive Bright Nobel Sharp Slow Strong 68 47 Steady 19 90 26 43 33

Step 5: Olive Bright Nobel Sharp Slow Steady Strong 68 47 19 90 26 43 33

Sum of 43 + 26 =69.

Q.23 Which word is third from the left end in step 5?

A word and number arrangement machine when given an input line of numbers and words rearranges them following a particular rule in each step. The following is an illustration of an input & its rearrangement.

Input: High 32 Easy 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17

Step 1: Easy High 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17 32

Step 2: Easy Broad High 65 Hard Soft 87 45 Calm 59 Nice 17 24 32

Step 3: Easy Broad Calm High 65 Hard Soft 87 59 Nice 45 17 24 32

Step 4: Easy Broad Calm Hard High Soft 87 59 Nice 65 45 17 24 32

Step 5: Easy Broad Calm Hard High Nice Soft 87 59 65 45 17 24 32

Step 5 is the last step of the above input as per the rules followed in the above steps. As per the above rule followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

- A. Hard
- B. Sharp
- C. Calm
- D. Nobel
- E. None of these

Answer: D

Sol:

Numbers- Arranged all the numbers in increasing order from right to left as take their resultant digit sum.

Words- Arrange the word according to the first word if it is a vowel arrange them firstly according to alphabetical order and then arrange consonants according to the alphabetical order from left to right.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

Step 1: Olive Bright 26 Strong 68 Slow 90 Sharp 47 Steady 43 Nobel 19 33

Step 2: Olive Bright Nobel 26 Strong 68 Slow 90 Sharp 47 Steady 19 43 33

Step 3: Olive Bright Nobel Sharp Strong 68 Slow 90 47 Steady 19 26 43 33

Step 4: Olive Bright Nobel Sharp Slow Strong 68 47 Steady 19 90 26 43 33

Step 5: Olive Bright Nobel Sharp Slow Steady Strong 68 47 19 90 26 43 33

Olive Bright Nobel Sharp Slow Steady Strong 68 47 19 90 26 43 33.

Q.24 How many steps are there in the given output?

A word and number arrangement machine when given an input line of numbers and words rearranges them following a particular rule in each step. The following is an illustration of an input & its rearrangement.

Input: High 32 Easy 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17

Step 1: Easy High 65 Hard 24 Soft 87 Broad 45 Calm 59 Nice 17 32

Step 2: Easy Broad High 65 Hard Soft 87 45 Calm 59 Nice 17 24 32

Step 3: Easy Broad Calm High 65 Hard Soft 87 59 Nice 45 17 24 32

Step 4: Easy Broad Calm Hard High Soft 87 59 Nice 65 45 17 24 32

Step 5: Easy Broad Calm Hard High Nice Soft 87 59 65 45 17 24 32

Step 5 is the last step of the above input as per the rules followed in the above steps. As per the above rule followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

- A. One
- B. Two
- C. Three
- D. Five
- E. Six

Answer: D

Sol:

Numbers- Arranged all the numbers in increasing order from right to left as take their resultant digit sum.

Words- Arrange the word according to the first word if it is a vowel arrange them firstly according to alphabetical order and then arrange consonants according to the alphabetical order from left to right.

Input: Bright 26 Strong 68 Olive 33 Slow 90 Sharp 47 Steady 43 Nobel 19

Step 1: Olive Bright 26 Strong 68 Slow 90 Sharp 47 Steady 43 Nobel 19 33

Step 2: Olive Bright Nobel 26 Strong 68 Slow 90 Sharp 47 Steady 19 43 33

Step 3: Olive Bright Nobel Sharp Strong 68 Slow 90 47 Steady 19 26 43 33

Step 4: Olive Bright Nobel Sharp Slow Strong 68 47 Steady 19 90 26 43 33

Step 5: Olive Bright Nobel Sharp Slow Steady Strong 68 47 19 90 26 43 33

Five steps are there in the given input.

Q.25 Who sits exactly between T and A when counted from the left of T?

Study the following information carefully and answer the given questions:

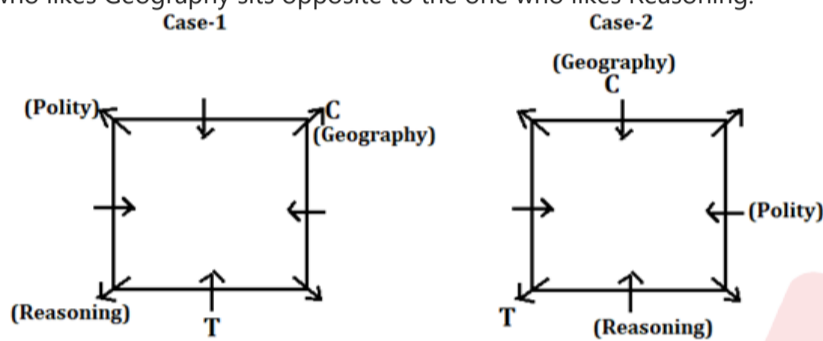
Eight persons are sitting around a square table in such a way that four of them sit at four corners of the square and facing outside while the other four sits in the middle of each sides and facing inside. Each of them likes different subject viz. History, Polity, Science, Geography, Reasoning, Aptitude, Physics and Biology but not necessarily in the same order.

C likes Geography and sits third to the right of T. Only two persons sit between T and the one who likes Polity. D likes History and is an immediate neighbor of C. A likes Science. W does not like Polity. B sits second to the right of the one who likes Aptitude. The one who likes Geography sits opposite to the one who likes Reasoning. U is not an immediate neighbor of the one who likes Reasoning. U likes Physics. Neither V nor W likes Aptitude. T does not face D.

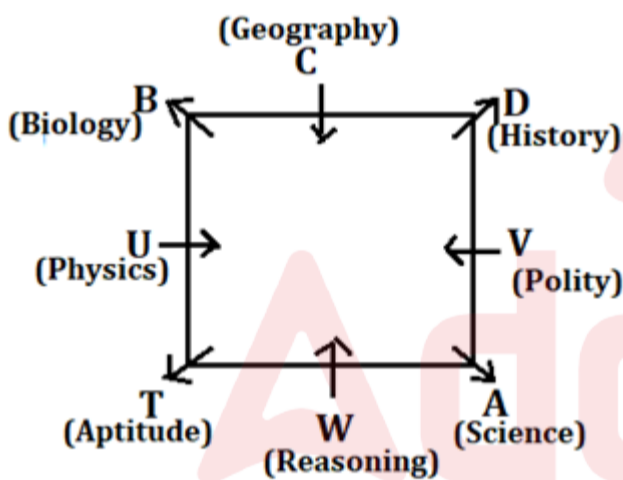
- A. B
- B. U
- C. The one who likes Polity
- D. The one who likes Reasoning
- E. Cannot be determined

Answer: D

Sol: C likes Geography and sits third to the right of T. There are two possibilities. Only two persons sit between T and the one who likes Polity. The one who likes Geography sits opposite to the one who likes Reasoning.



B sits second to the right of the one who likes Aptitude. A likes Science. U likes Physics. Neither V nor W likes Aptitude. That means T likes Aptitude. D likes History and is an immediate neighbor of C. T does not face D. Hence case-1 will be eliminated. U is not an immediate neighbor of the one who likes Reasoning. W does not like Polity. The final arrangement is-



Q.26 What is the position of V with respect to A?

Study the following information carefully and answer the given questions:

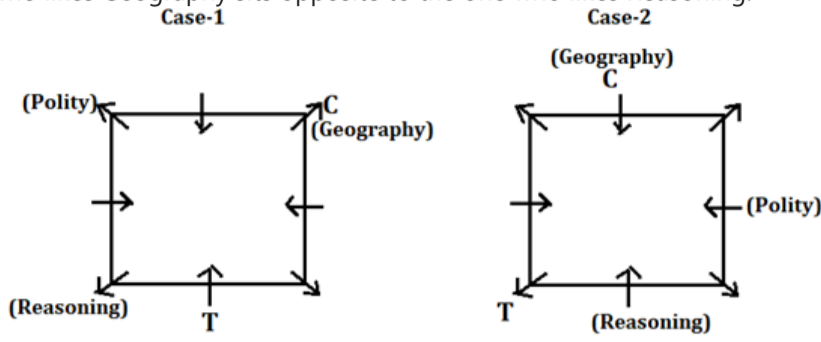
Eight persons are sitting around a square table in such a way that four of them sit at four corners of the square and facing outside while the other four sits in the middle of each sides and facing inside. Each of them likes different subject viz. History, Polity, Science, Geography, Reasoning, Aptitude, Physics and Biology but not necessarily in the same order.

C likes Geography and sits third to the right of T. Only two persons sit between T and the one who likes Polity. D likes History and is an immediate neighbor of C. A likes Science. W does not like Polity. B sits second to the right of the one who likes Aptitude. The one who likes Geography sits opposite to the one who likes Reasoning. U is not an immediate neighbor of the one who likes Reasoning. U likes Physics. Neither V nor W likes Aptitude. T does not face D.

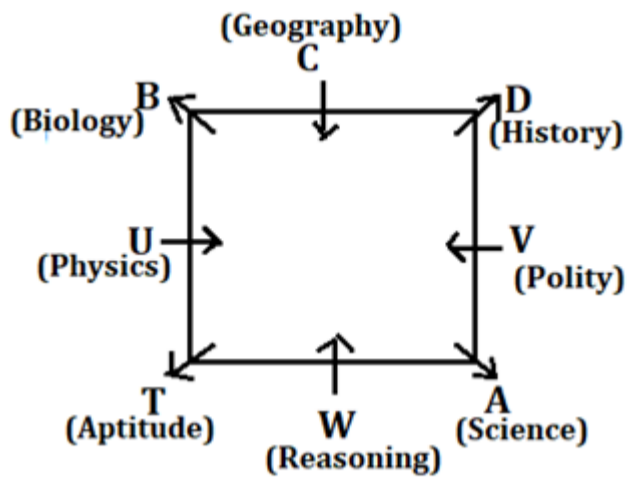
- A. Immediate left
- B. Third to the right
- C. Immediate right
- D. Third to the left
- E. Either a) or c)

Answer: A

Sol: C likes Geography and sits third to the right of T. There are two possibilities. Only two persons sit between T and the one who likes Polity. The one who likes Geography sits opposite to the one who likes Reasoning.



B sits second to the right of the one who likes Aptitude. A likes Science. U likes Physics. Neither V nor W likes Aptitude. That means T likes Aptitude. D likes History and is an immediate neighbor of C. T does not face D. Hence case-1 will be eliminated. U is not an immediate neighbor of the one who likes Reasoning. W does not like Polity. The final arrangement is-



Q.27 Four of the following five are alike in a certain way and so form a group. Who among the following does not belong to that group?
Study the following information carefully and answer the given questions:

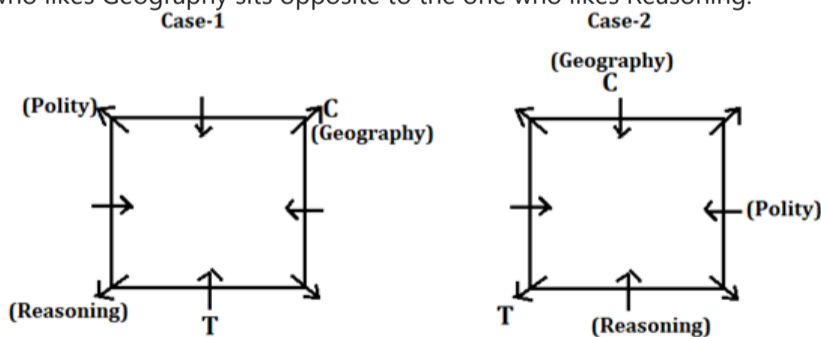
Eight persons are sitting around a square table in such a way that four of them sit at four corners of the square and facing outside while the other four sits in the middle of each sides and facing inside. Each of them likes different subject viz. History, Polity, Science, Geography, Reasoning, Aptitude, Physics and Biology but not necessarily in the same order.

C likes Geography and sits third to the right of T. Only two persons sit between T and the one who likes Polity. D likes History and is an immediate neighbor of C. A likes Science. W does not like Polity. B sits second to the right of the one who likes Aptitude. The one who likes Geography sits opposite to the one who likes Reasoning. U is not an immediate neighbor of the one who likes Reasoning. U likes Physics. Neither V nor W likes Aptitude. T does not face D.

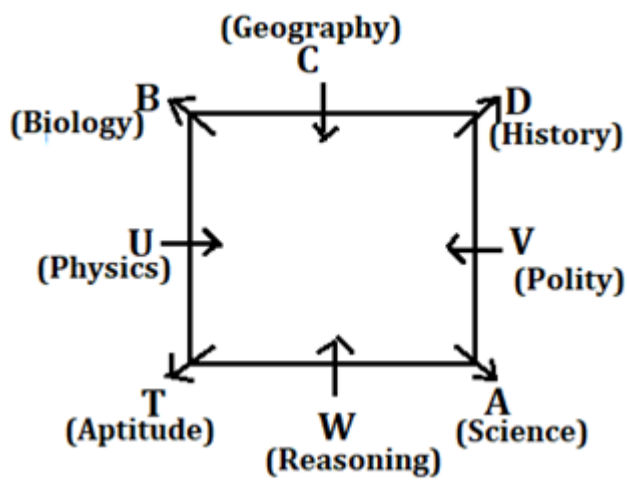
- A. V
- B. U
- C. W
- D. C
- E. T

Answer: E

Sol: C likes Geography and sits third to the right of T. There are two possibilities. Only two persons sit between T and the one who likes Polity. The one who likes Geography sits opposite to the one who likes Reasoning.



B sits second to the right of the one who likes Aptitude. A likes Science. U likes Physics. Neither V nor W likes Aptitude. That means T likes Aptitude. D likes History and is an immediate neighbor of C. T does not face D. Hence case-1 will be eliminated. U is not an immediate neighbor of the one who likes Reasoning. W does not like Polity. The final arrangement is-



Q.28 What is the position of D with respect to the one who likes Biology?

Study the following information carefully and answer the given questions:

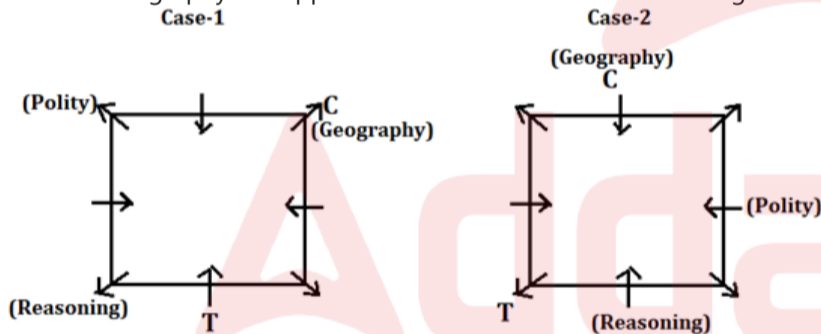
Eight persons are sitting around a square table in such a way that four of them sit at four corners of the square and facing outside while the other four sits in the middle of each sides and facing inside. Each of them likes different subject viz. History, Polity, Science, Geography, Reasoning, Aptitude, Physics and Biology but not necessarily in the same order.

C likes Geography and sits third to the right of T. Only two persons sit between T and the one who likes Polity. D likes History and is an immediate neighbor of C. A likes Science. W does not like Polity. B sits second to the right of the one who likes Aptitude. The one who likes Geography sits opposite to the one who likes Reasoning. U is not an immediate neighbor of the one who likes Reasoning. U likes Physics. Neither V nor W likes Aptitude. T does not face D.

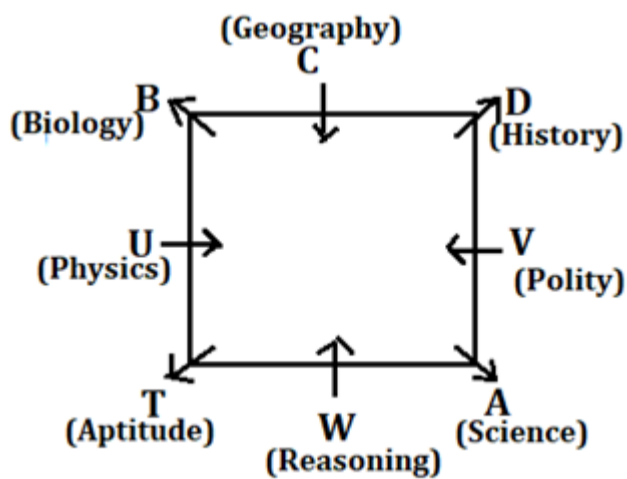
- A. Second to the left
- B. Second to the right
- C. Third to the right
- D. Fourth to the right
- E. Cannot be determined

Answer: B

Sol: C likes Geography and sits third to the right of T. There are two possibilities. Only two persons sit between T and the one who likes Polity. The one who likes Geography sits opposite to the one who likes Reasoning.



B sits second to the right of the one who likes Aptitude. A likes Science. U likes Physics. Neither V nor W likes Aptitude. That means T likes Aptitude. D likes History and is an immediate neighbor of C. T does not face D. Hence case-1 will be eliminated. U is not an immediate neighbor of the one who likes Reasoning. W does not like Polity. The final arrangement is-



Q.29 How many persons sit between the one who likes Science and the one who likes Biology?

Study the following information carefully and answer the given questions:

Eight persons are sitting around a square table in such a way that four of them sit at four corners of the square and facing outside while the other

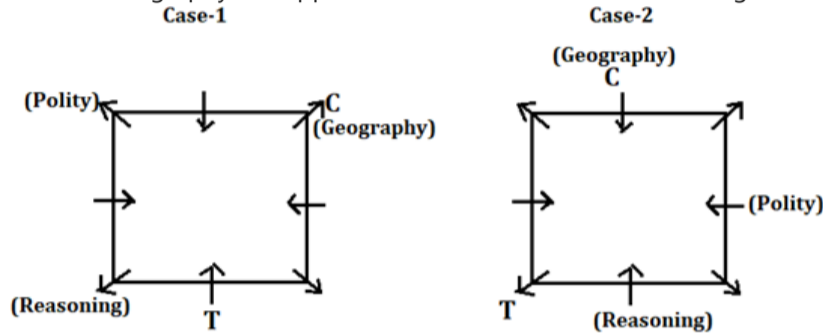
four sits in the middle of each sides and facing inside. Each of them likes different subject viz. History, Polity, Science, Geography, Reasoning, Aptitude, Physics and Biology but not necessarily in the same order.

C likes Geography and sits third to the right of T. Only two persons sit between T and the one who likes Polity. D likes History and is an immediate neighbor of C. A likes Science. W does not like Polity. B sits second to the right of the one who likes Aptitude. The one who likes Geography sits opposite to the one who likes Reasoning. U is not an immediate neighbor of the one who likes Reasoning. U likes Physics. Neither V nor W likes Aptitude. T does not face D.

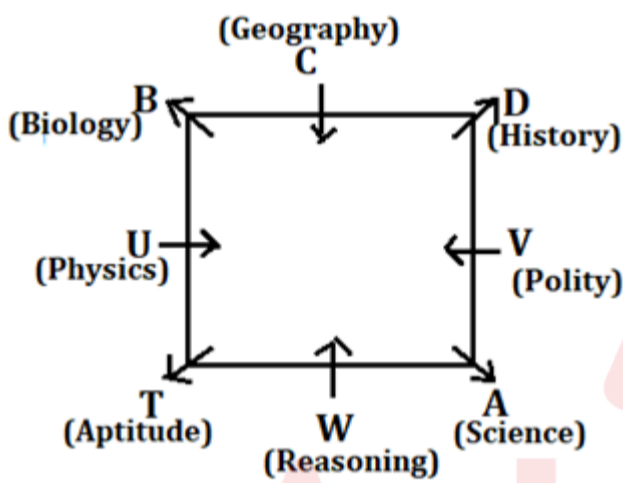
- A. One
- B. Two
- C. Three
- D. Four
- E. Cannot be determined

Answer: C

Sol: C likes Geography and sits third to the right of T. There are two possibilities. Only two persons sit between T and the one who likes Polity. The one who likes Geography sits opposite to the one who likes Reasoning.



B sits second to the right of the one who likes Aptitude. A likes Science. U likes Physics. Neither V nor W likes Aptitude. That means T likes Aptitude. D likes History and is an immediate neighbor of C. T does not face D. Hence case-1 will be eliminated. U is not an immediate neighbor of the one who likes Reasoning. W does not like Polity. The final arrangement is-



Q.30 Statements:

- No Cookies are Coffee.
- 50% Cookies are Cupcake
- At least Some Cupcake are not Pastries
- Only a few Cookies are Cake

Conclusions:

- I. Some Cake can be Coffee
- II. Some Cupcake are not Coffee

In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- A. Only conclusion II follows
- B. Only conclusion I follows
- C. Either conclusion I or II follows
- D. Both conclusions I and II follow
- E. Neither conclusion I nor II follows

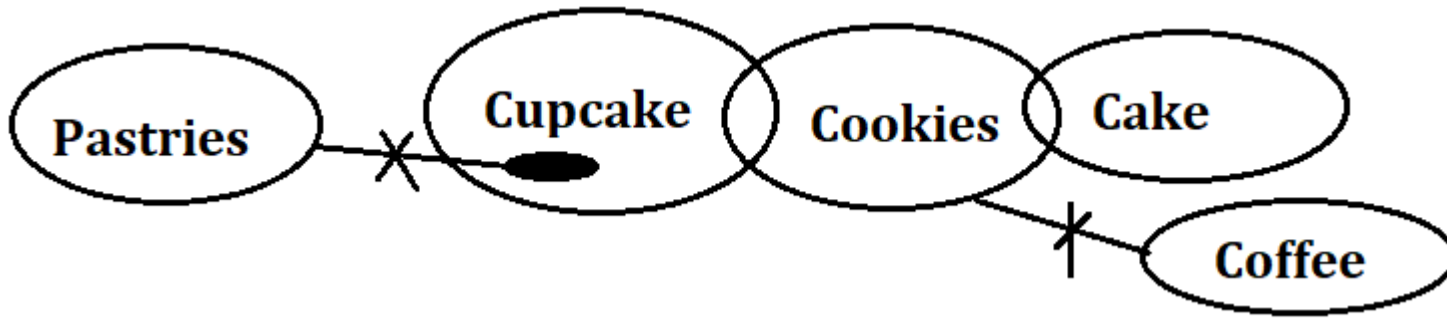
Answer: D

Sol:

Explanation:

- I. Follow: As there is no direct relation between the given elements. So, relation in possibility follow

II. Follow: Parts of Cupcake that are Cookies is not Coffee because No Cookies are Coffee.



Q.31 Statements:

- Only Peas are Green.
- Some Peas are Capsicum.
- No Yellow are Mango.
- Only a few Capsicum are Yellow.

Conclusions:

- I. No Green can be Mango.
- II. All Capsicum can be Yellow.

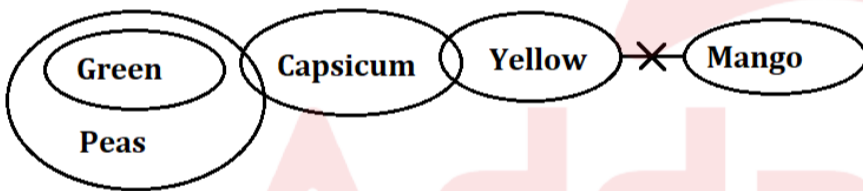
In the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- A. Only conclusion II follows
- B. Only conclusion I follows
- C. Either conclusion I or II follows
- D. Both conclusions I and II follow
- E. Neither conclusion I nor II follows

Answer: E

Sol: Explanation:

- I. Does not Follow: Relation of Green is restricted with all the elements except Peas. So, No Green is Mango logically follows there was no need to add possibility in this statement.
- II. Does not Follow: Since Only a few Capsicum are Yellow therefore Some Capsicum are not Yellow.



Q.32 Statements:

- Only Mat are Cat.
- No Mat is Rat.
- A few Rat are Bat.

Conclusions:

- I. Some Cat can be Bat.
- II. No Cat is Rat.

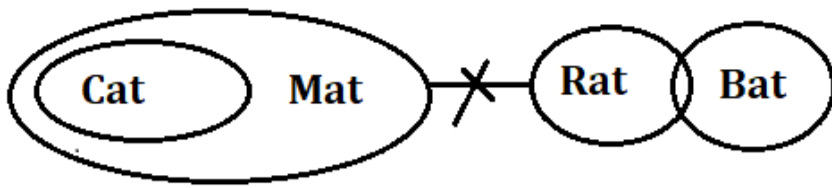
In each question below some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions definitely follows from the given statements, disregarding commonly known facts. Give an answer:

- A. Only conclusion II follows
- B. Only conclusion I follows
- C. Either conclusion I or II follows
- D. Both conclusions I and II follow
- E. Neither conclusion I nor II follows

Answer: A

Sol: Explanation:

- I. Does not Follow: Relation of Cat is restricted with all elements except Mat. So, Some Cat can be Bat logically doesn't follow.
- II. Follow: Relation of Cat is restricted with all elements except Mat. So, No Cat is Rat logically follows.



Q.33 How many persons buy the farmhouse after K?

Read the given information carefully and answer the questions based on it:

Seven persons buy their own farmhouse consecutively one after the other in different cities.

The persons are G, S, D, Y, A, K and B and the cities are Jaipur, Bhopal, Nagpur, Raipur, Ranchi, Gwalior and Meerut. The given information is not used in the same way as given and the persons are arranged one after the another from left.

Four persons buy between B and G. The one who buys in Gwalior is G's only neighbor. Y neither buys in Gwalior nor buys just before or just after B.

Two persons buy between Y and D who buys in Meerut. The number of persons buy between G and D is same as the number of persons buy after A.

The person whose farmhouse is in Nagpur buys three persons after A. S buys in Jaipur and after the one who buys in Raipur but just before the one who buys in Bhopal.

- A. One
- B. Three
- C. Two
- D. Five
- E. None of these

Answer: C

Sol: Four persons buy between B and G. Two possible cases will come out here. The one who buys in Gwalior is only neighbor of G.

Case 1: - B - - - (Gwalior) G

Case 2: G (Gwalior) - - - B -

Y neither buys in Gwalior nor buys just before or just after B. Two persons buy between Y and D who buys in Meerut.

Case 1: D (Meerut) B - Y - (Gwalior) G

Case 2: G (Gwalior) - Y - B D (Meerut)

The number of persons buy between G and D is same as the number of persons buy after A. Case 1 will eliminate here. The person whose farmhouse is in Nagpur buys three persons after A.

Case 1: D (Meerut) B - Y - (Gwalior) G

Case 2: G A (Gwalior) - Y (Nagpur) B D (Meerut)

S buys in Jaipur after the one buy in Raipur but just before the one who buys in Bhopal.

Case 2: G (Raipur) A (Gwalior) S (Jaipur) Y (Bhopal) (Nagpur) B D (Meerut)

Now, the remaining person is K and the remaining city is Ranchi, Hence, the final arrangement is:

G (Raipur) A (Gwalior) S (Jaipur) Y (Bhopal) K (Nagpur) B (Ranchi) D (Meerut)

Two persons buy the farmhouse after K.

Q.34 Which of the following combination is correct?

Read the given information carefully and answer the questions based on it:

Seven persons buy their own farmhouse consecutively one after the other in different cities.

The persons are G, S, D, Y, A, K and B and the cities are Jaipur, Bhopal, Nagpur, Raipur, Ranchi, Gwalior and Meerut. The given information is not used in the same way as given and the persons are arranged one after the another from left.

Four persons buy between B and G. The one who buys in Gwalior is G's only neighbor. Y neither buys in Gwalior nor buys just before or just after B.

Two persons buy between Y and D who buys in Meerut. The number of persons buy between G and D is same as the number of persons buy after A.

The person whose farmhouse is in Nagpur buys three persons after A. S buys in Jaipur and after the one who buys in Raipur but just before the one who buys in Bhopal.

- A. G- Raipur
- B. B- Ranchi
- C. Y- Bhopal
- D. A- Gwalior
- E. All are correct

Answer: E

Sol:

Four persons buy between B and G. Two possible cases will come out here. The one who buys in Gwalior is only neighbor of G.

Case 1: - B - - - (Gwalior) G

Case 2: G (Gwalior) - - - B -

Y neither buys in Gwalior nor buys just before or just after B. Two persons buy between Y and D who buys in Meerut.

Case 1: D (Meerut) B - Y - (Gwalior) G

Case 2: G (Gwalior) - Y - B D (Meerut)

The number of persons buy between G and D is same as the number of persons buy after A. Case 1 will eliminate here. The person whose farmhouse is in Nagpur buys three persons after A.

Case 1: D (Meerut) B - Y - (Gwalior) G

Case 2: G A (Gwalior) - Y (Nagpur) B D (Meerut)

S buys in Jaipur after the one buy in Raipur but just before the one who buys in Bhopal.

Case 2: G (Raipur) A (Gwalior) S (Jaipur) Y (Bhopal) (Nagpur) B D (Meerut)

Now, the remaining person is K and the remaining city is Ranchi, Hence, the final arrangement is:

G (Raipur) A (Gwalior) S (Jaipur) Y (Bhopal) K (Nagpur) B (Ranchi) D (Meerut)

All combinations are correct.

Q.35 How many persons buy between S and B?

Read the given information carefully and answer the questions based on it:

Seven persons buy their own farmhouse consecutively one after the other in different cities.

The persons are G, S, D, Y, A, K and B and the cities are Jaipur, Bhopal, Nagpur, Raipur, Ranchi, Gwalior and Meerut. The given information is not used in the same way as given and the persons are arranged one after the another from left.

Four persons buy between B and G. The one who buys in Gwalior is G's only neighbor. Y neither buys in Gwalior nor buys just before or just after B.

Two persons buy between Y and D who buys in Meerut. The number of persons buy between G and D is same as the number of persons buy after A. The person whose farmhouse is in Nagpur buys three persons after A. S buys in Jaipur and after the one who buys in Raipur but just before the one who buys in Bhopal.

- A. Two
- B. Four
- C. None
- D. One
- E. Three

Answer: A

Sol:

Four persons buy between B and G. Two possible cases will come out here. The one who buys in Gwalior is only neighbor of G.

Case 1: - B - - - (Gwalior) G

Case 2: G (Gwalior) - - - B -

Y neither buys in Gwalior nor buys just before or just after B. Two persons buy between Y and D who buys in Meerut.

Case 1: D (Meerut) B - Y - (Gwalior) G

Case 2: G (Gwalior) - Y - B D (Meerut)

The number of persons buy between G and D is same as the number of persons buy after A. Case 1 will eliminate here. The person whose farmhouse is in Nagpur buys three persons after A.

Case 1: D (Meerut) B - Y - (Gwalior) G

Case 2: G A (Gwalior) - Y (Nagpur) B D (Meerut)

S buys in Jaipur after the one buy in Raipur but just before the one who buys in Bhopal.

Case 2: G (Raipur) A (Gwalior) S (Jaipur) Y (Bhopal) (Nagpur) B D (Meerut)

Now, the remaining person is K and the remaining city is Ranchi, Hence, the final arrangement is:

G (Raipur) A (Gwalior) S (Jaipur) Y (Bhopal) K (Nagpur) B (Ranchi) D (Meerut)

Two persons buy between S and B.

Q.36 What is the shortest distance between A's first moving point (first turn) and his final position?

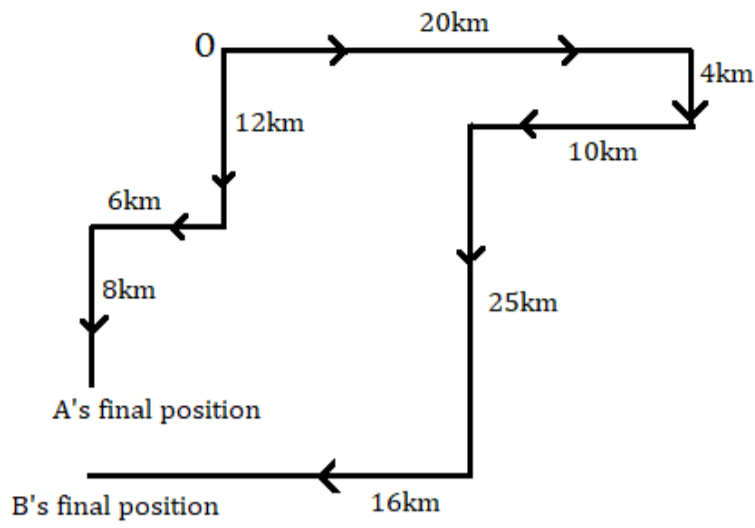
Read all the information carefully and answers the following questions given below:

Point O is the Initial Point of A and B. From point O, A Goes 12km south direction and takes his right and walks 6km. Now he takes his left and walks 8km to reach his destination. From point O, B goes 20km in east direction and takes his right and walks 4km and takes another right turn and walks 10km. Now he takes his left and walks 25km after that he takes right turn and goes 16km to reach his final destination.

- A. 16km
- B. 10km
- C. 12km
- D. 18km
- E. None of these

Answer: B

Sol:



Q.37 What is the position of Point O with respect to A's last position?

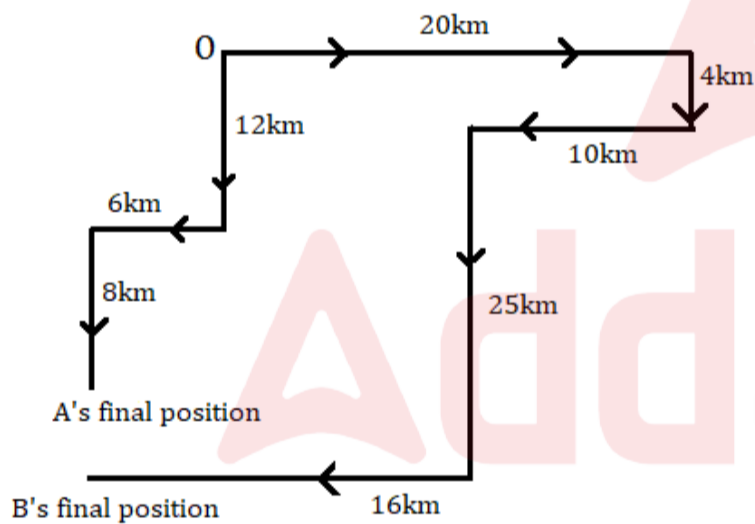
Read all the information carefully and answers the following questions given below:

Point O is the Initial Point of A and B. From point O, A Goes 12km south direction and takes his right and walks 6km. Now he takes his left and walks 8km to reach his destination. From point O, B goes 20km in east direction and takes his right and walks 4km and takes another right turn and walks 10km. Now he takes his left and walks 25km after that he takes right turn and goes 16km to reach his final destination.

- A. North-West
- B. North
- C. South-East
- D. North-East
- E. None of these

Answer: D

Sol:



Q.38 What is the difference between total distance travel by A and total distance travel by B?

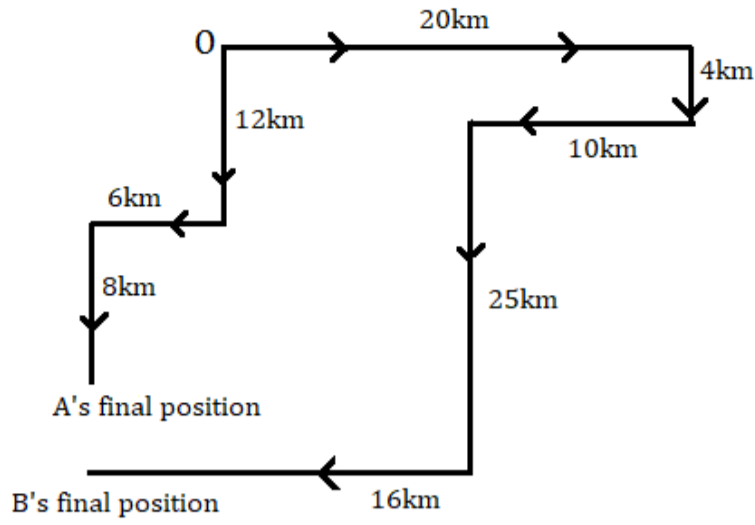
Read all the information carefully and answers the following questions given below:

Point O is the Initial Point of A and B. From point O, A Goes 12km south direction and takes his right and walks 6km. Now he takes his left and walks 8km to reach his destination. From point O, B goes 20km in east direction and takes his right and walks 4km and takes another right turn and walks 10km. Now he takes his left and walks 25km after that he takes right turn and goes 16km to reach his final destination.

- A. 30km
- B. 35km
- C. 40km
- D. 42km
- E. None of these

Answer: E

Sol:



Q.39 Who among the following faces M?

Study the following information carefully and answer the questions given below:

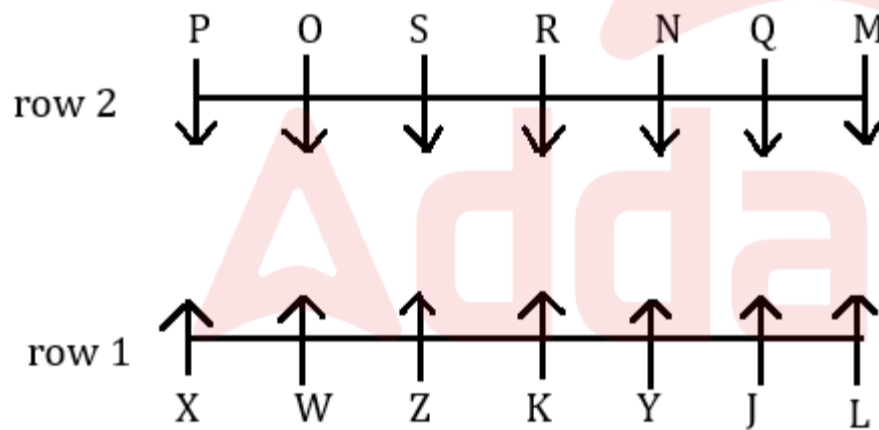
Fourteen persons sit in two parallel rows such that seven persons sit in each row. J, K, L, W, X, Y and Z are sitting in row 1 facing the north direction and M, N, O, P, Q, R and S are sitting in row 2 and facing south direction but not necessarily in the same order. The persons are sitting in row 1 face the persons sitting in row 2 and vice versa.

Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits to the immediate left of N. Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L. S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits to the right of X. The one who sits immediate left of R does not face X.

- A. L
- B. J
- C. X
- D. W
- E. Y

Answer: A

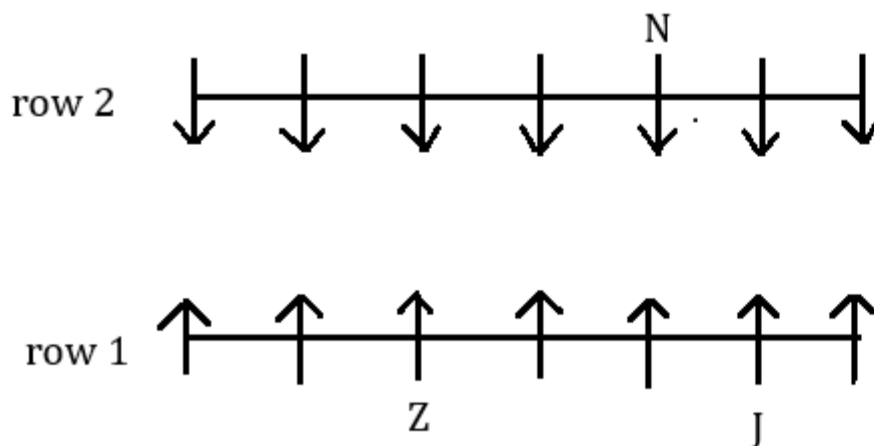
Sol: Final arrangement:



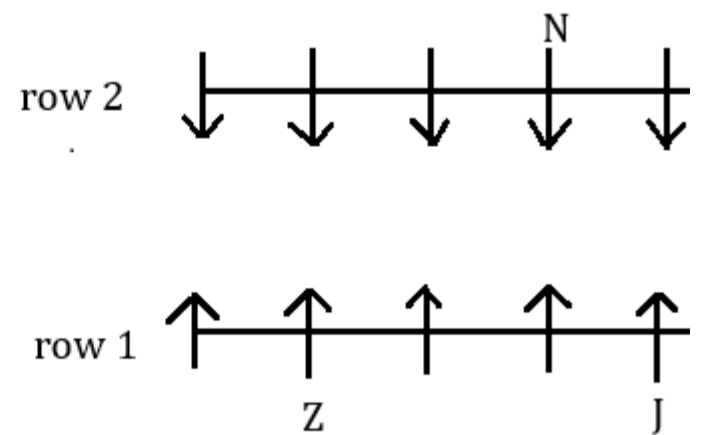
Clues: Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits at the immediate left of N.

Inference: From the above condition we have two possible cases here:

case 1

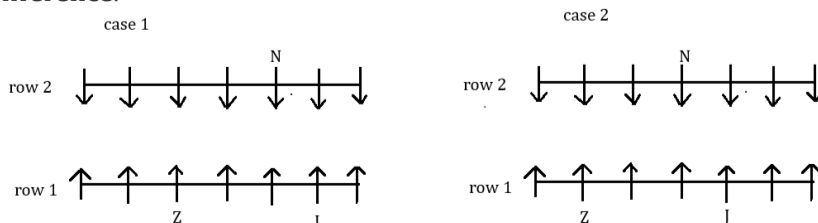


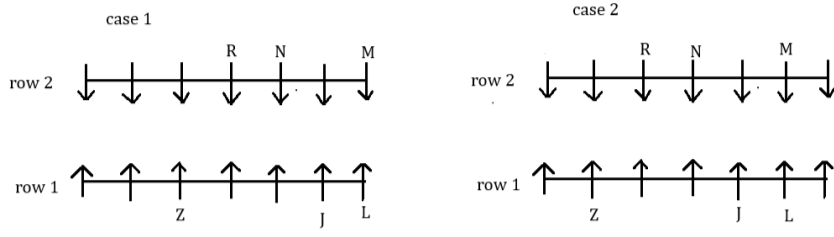
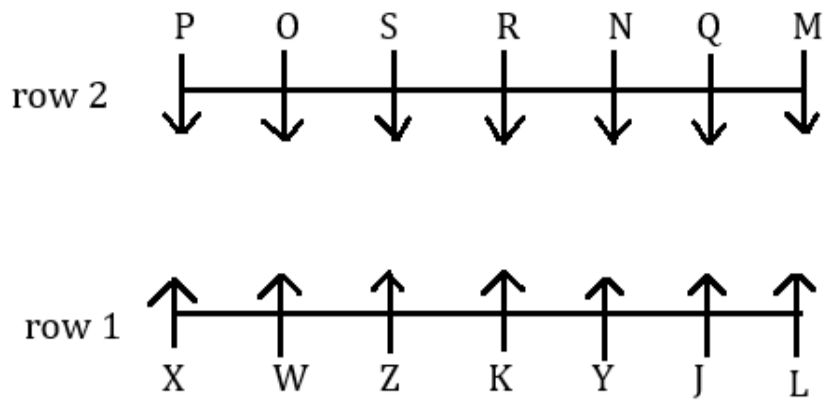
case 2



Clues: Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L.

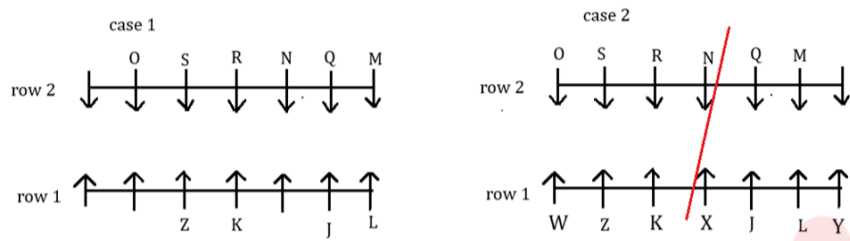
Inference:



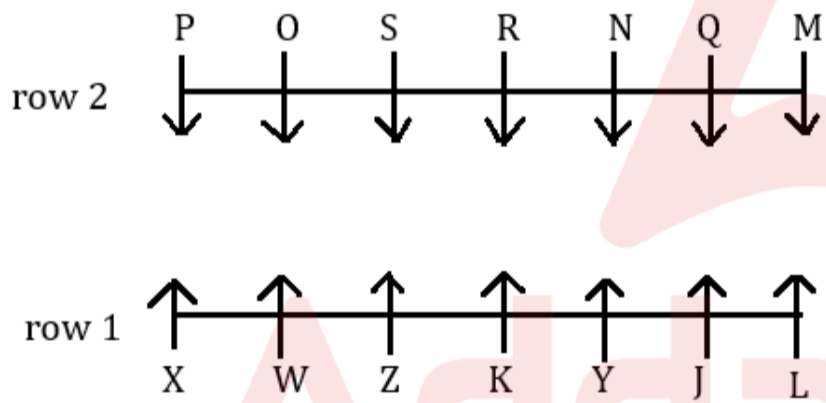


Clues: S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits to the right of X. The one who sits immediate left of R does not face X.

Inference: From the above condition case 2 gets eliminated here:



Inference: Final arrangement is here:



L faces M

Q.40 Which among the following pair of persons doesn't sit adjacent to each other?

Study the following information carefully and answer the questions given below:

Fourteen persons sit in two parallel rows such that seven persons sit in each row. J, K, L, W, X, Y and Z are sitting in row 1 facing the north direction and M, N, O, P, Q, R and S are sitting in row 2 and facing south direction but not necessarily in the same order. The persons are sitting in row 1 face the persons sitting in row 2 and vice versa.

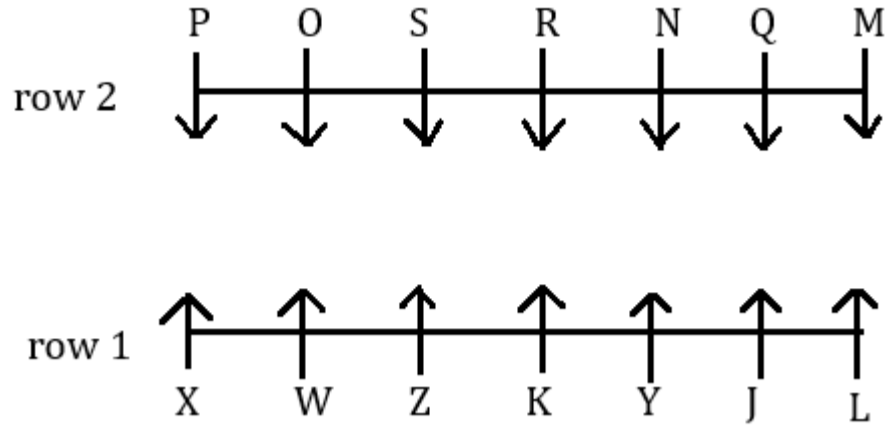
Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits to the immediate left of N. Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L. S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits to the right of X. The one who sits immediate left of R does not face X.

- A. Q, N
- B. P, O
- C. N, S
- D. W, Z
- E. Y, J

Answer: C

Sol:

Final arrangement:

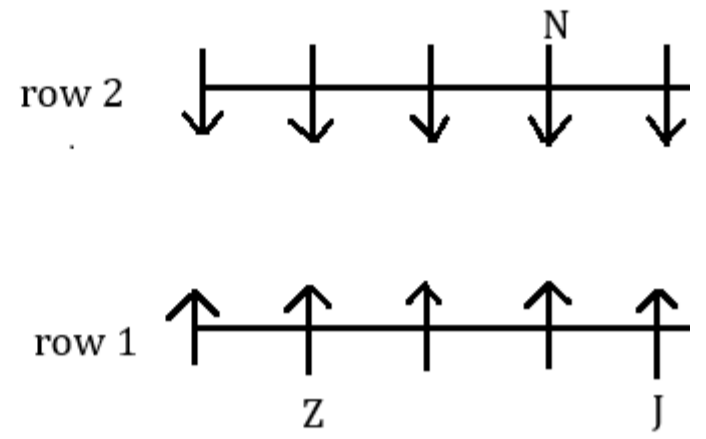
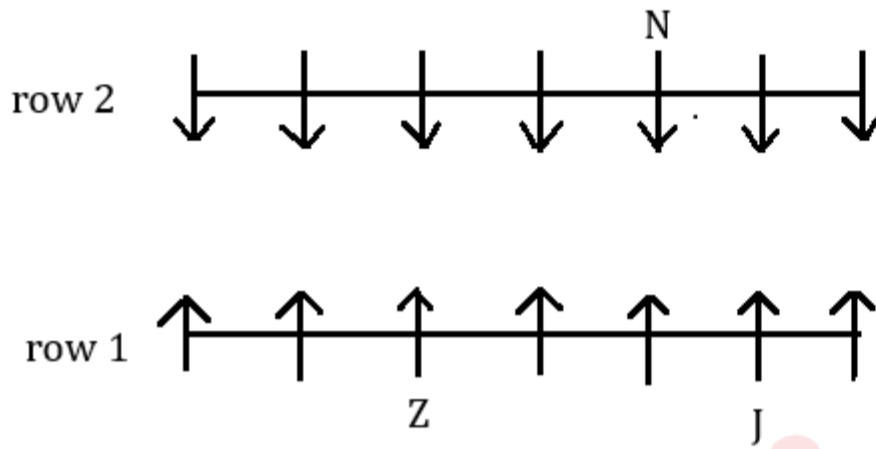


Clues: Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits at the immediate left of N.

Inference: From the above condition we have two possible cases here:

case 1

case 2

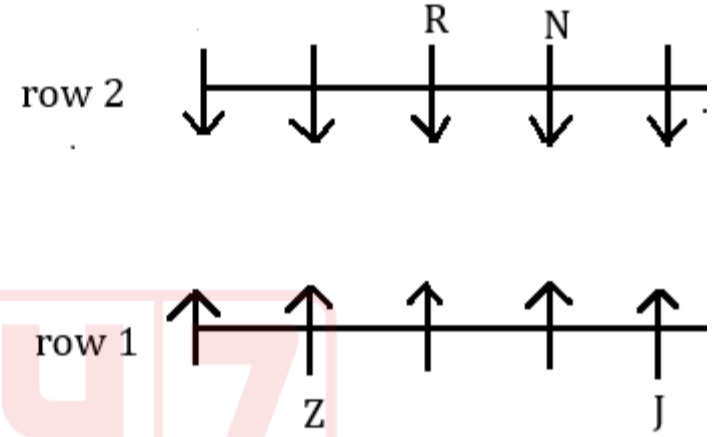
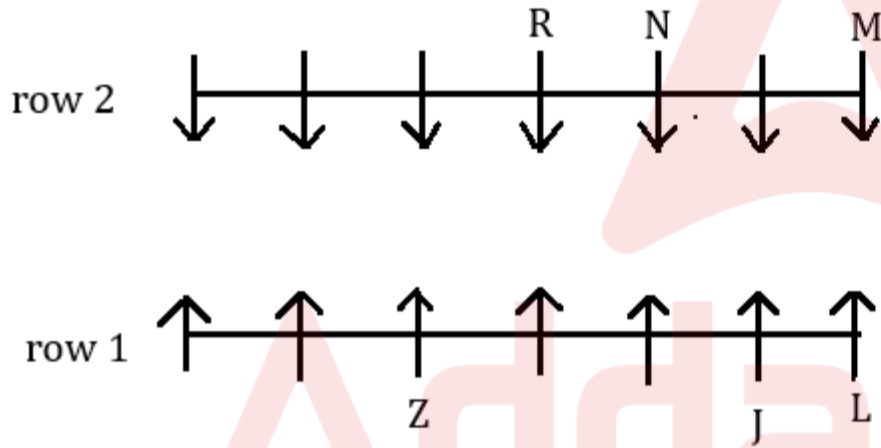


Clues: Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L.

Inference:

case 1

case 2

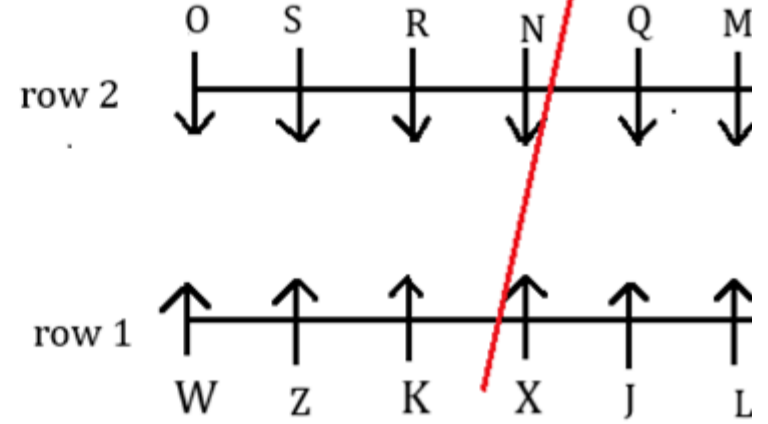
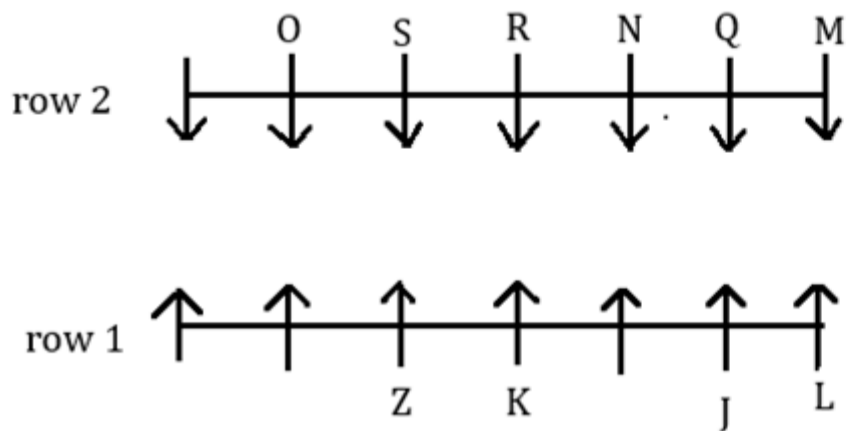


Clues: S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits one who sits immediate left of R does not face X.

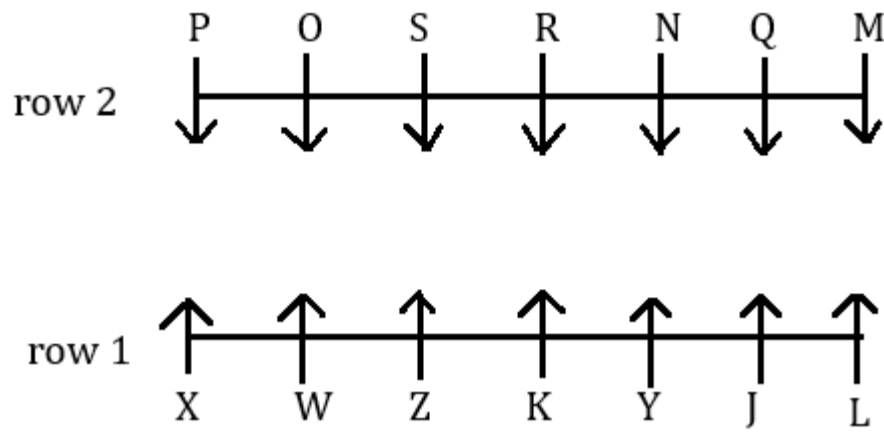
Inference: From the above condition case 2 gets eliminated here:

case 1

case 2



Inference: Final arrangement is here:



N, S doesn't sit adjacent to each other

Q.41 Which among the following statement(s) is /are true?

- I. W is the only neighbor of X
- II. More than three persons sit to the right of Q
- III. No one sits to the left of X

Study the following information carefully and answer the questions given below:

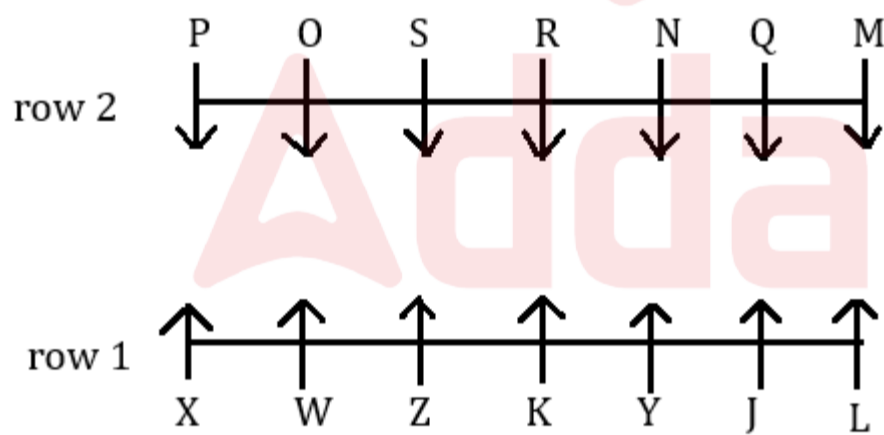
Fourteen persons sit in two parallel rows such that seven persons sit in each row. J, K, L, W, X, Y and Z are sitting in row 1 facing the north direction and M, N, O, P, Q, R and S are sitting in row 2 and facing south direction but not necessarily in the same order. The persons are sitting in row 1 face the persons sitting in row 2 and vice versa.

Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits to the immediate left of N. Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L. S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits to the right of X. The one who sits immediate left of R does not face X.

- A. Both I and II
- B. Both I and III
- C. Only III
- D. Only I
- E. All I, II and III

Answer: E

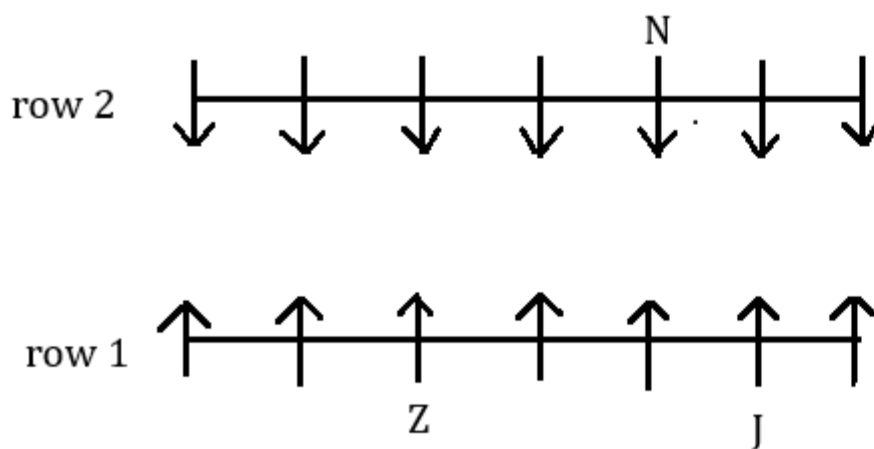
Sol: Final arrangement:



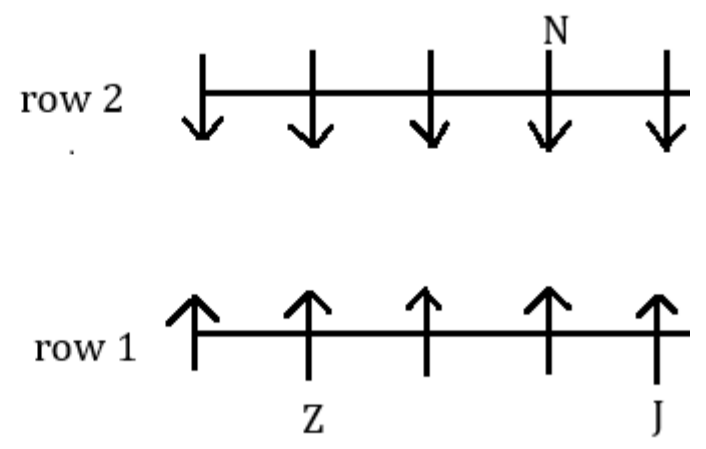
Clues: Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits at the immediate left of N.

Inference: From the above condition we have two possible cases here:

case 1

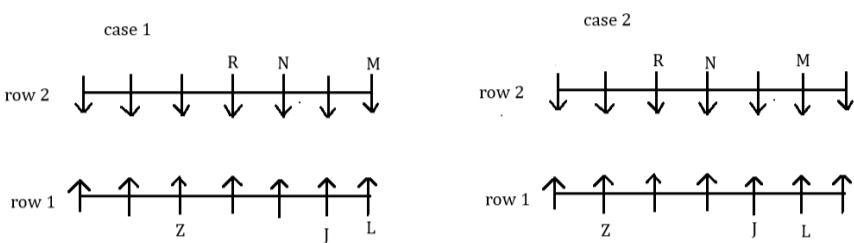
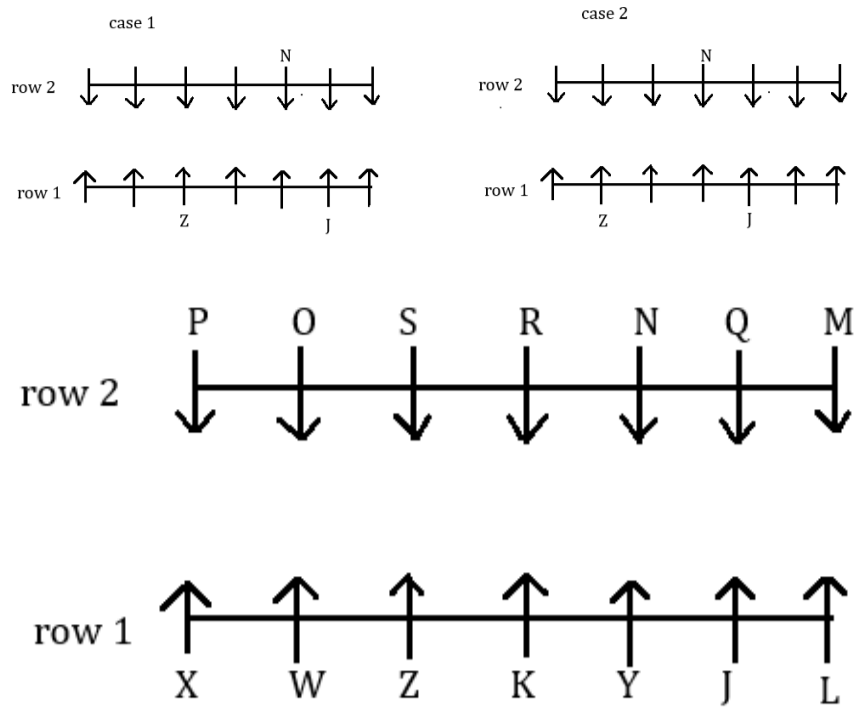


case 2



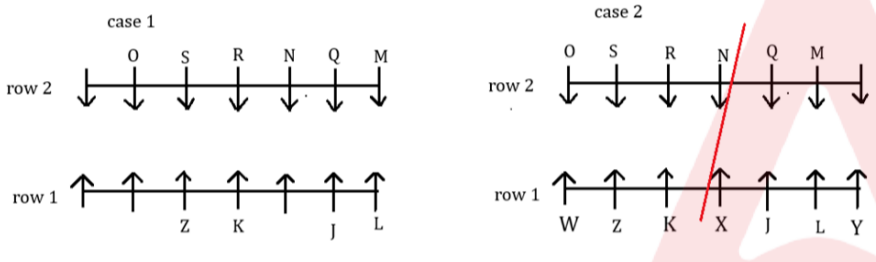
Clues: Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L.

Inference:

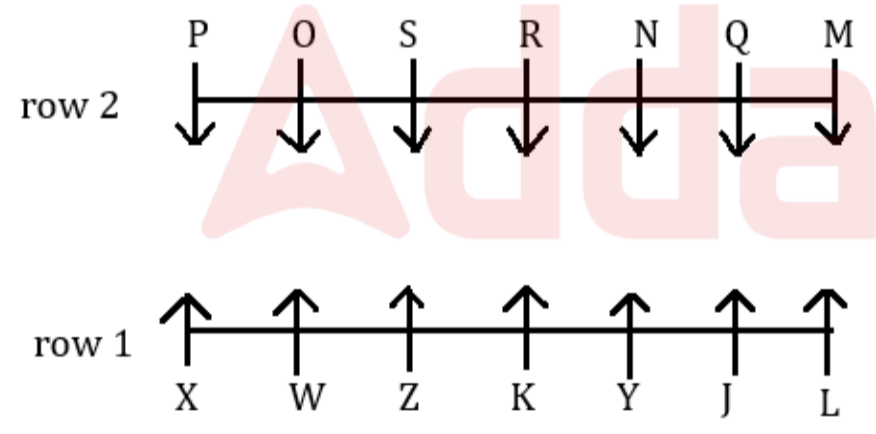


Clues: S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits to the right of X. The one who sits immediate left of R does not face X.

Inference: From the above condition case 2 gets eliminated here:



Inference: Final arrangement is here:



All I, II and III

Q.42 . Four of the following five are alike in a certain way and thus form a group. Who among the following doesn't belong to the group?

Study the following information carefully and answer the questions given below:
 Fourteen persons sit in two parallel rows such that seven persons sit in each row. J, K, L, W, X, Y and Z are sitting in row 1 facing the north direction and M, N, O, P, Q, R and S are sitting in row 2 and facing south direction but not necessarily in the same order. The persons are sitting in row 1 face the persons sitting in row 2 and vice versa.
 Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits to the immediate left of N. Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L. S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits to the right of X. The one who sits immediate left of R does not face X.

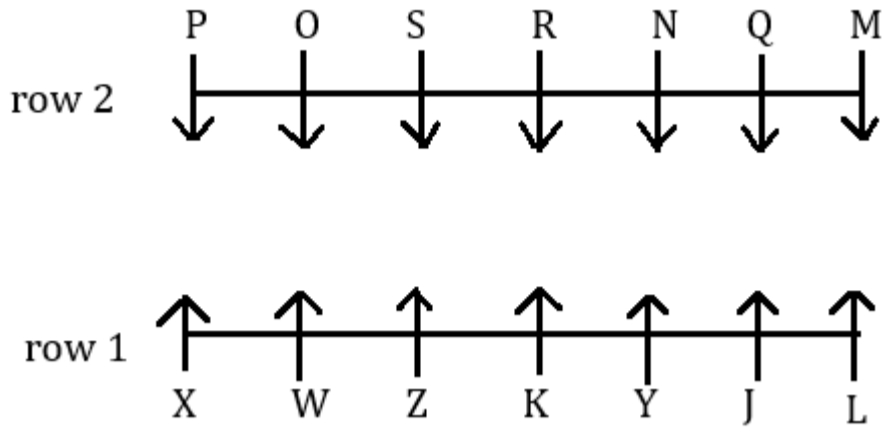
- A. P
- B. J
- C. X

D. M
E. L

Answer: B

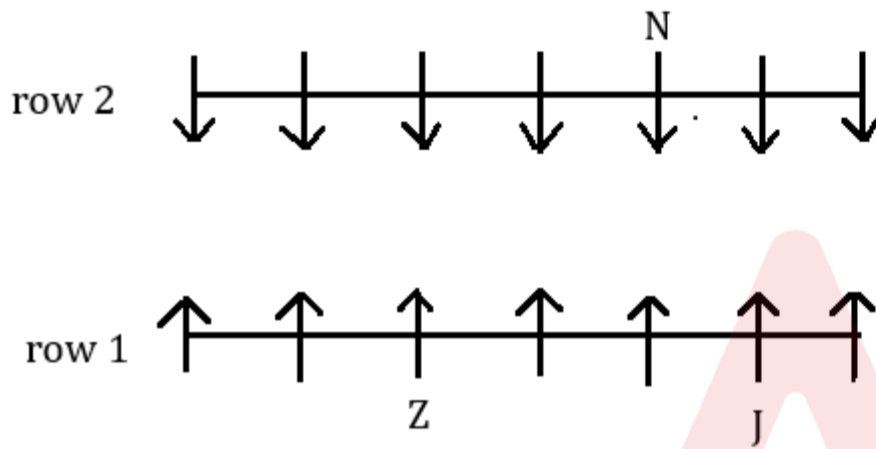
Sol:

Final arrangement:

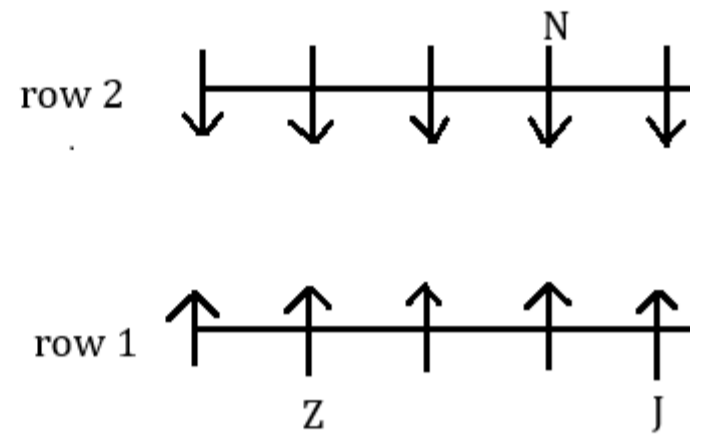


Clues: Z sits third to the left of J and neither of them sits at the end of the row. The one who faces J sits at the immediate left of N.
Inference: From the above condition we have two possible cases here:

case 1

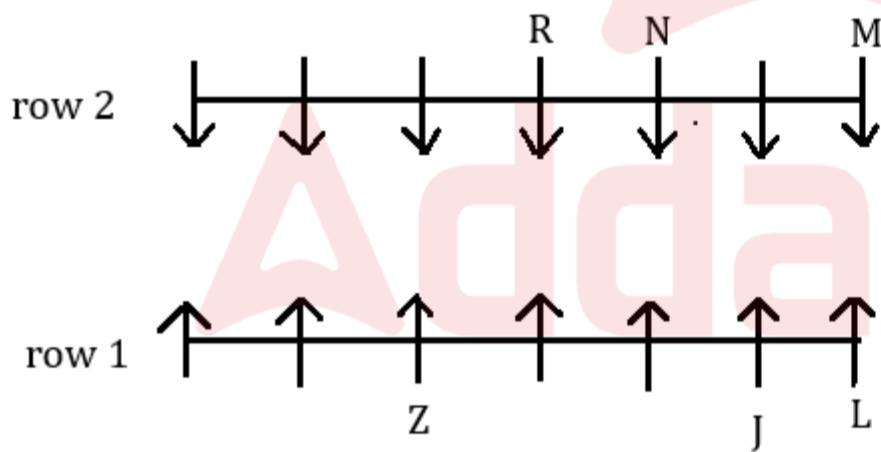


case 2

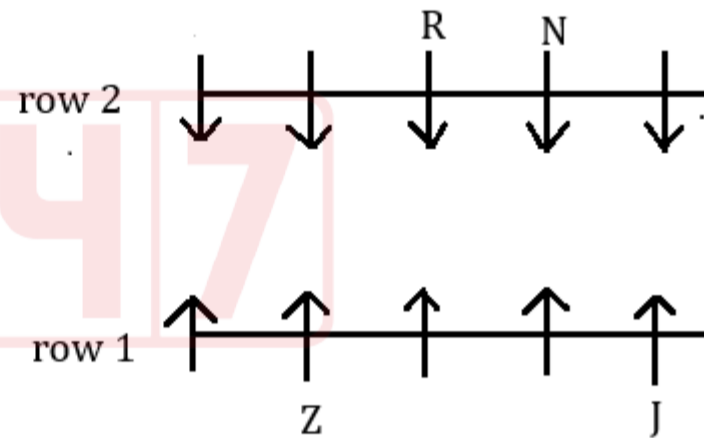


Clues: Only one person sits between M and N. R sits third to the right of M. The one who faces R sits third to the left of L.
Inference:

case 1

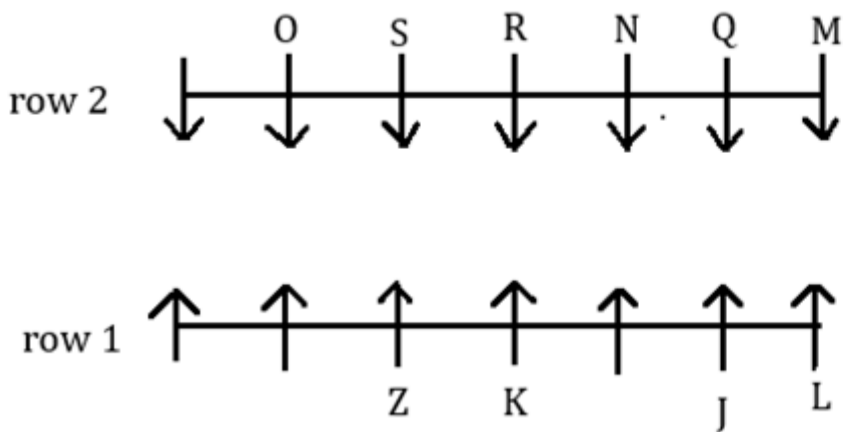


case 2

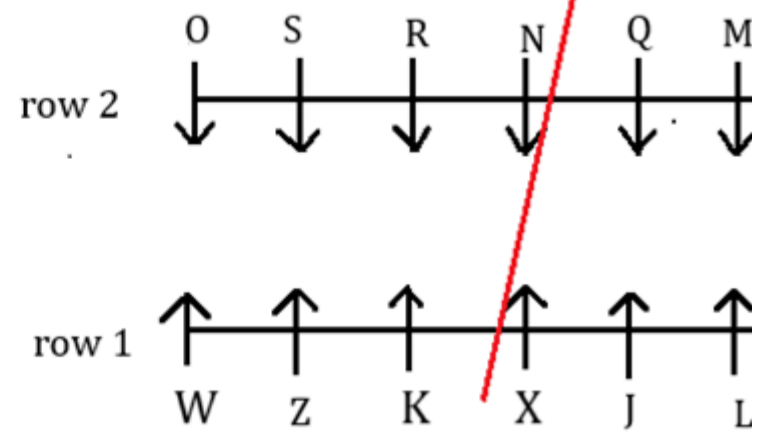


Clues: S sits immediate left of O. Three persons sit between O and Q. The one who faces S sits immediate left of K. Only one person sits between W and K. Y sits one who sits immediate left of R does not face X.
Inference: From the above condition case 2 gets eliminated here:

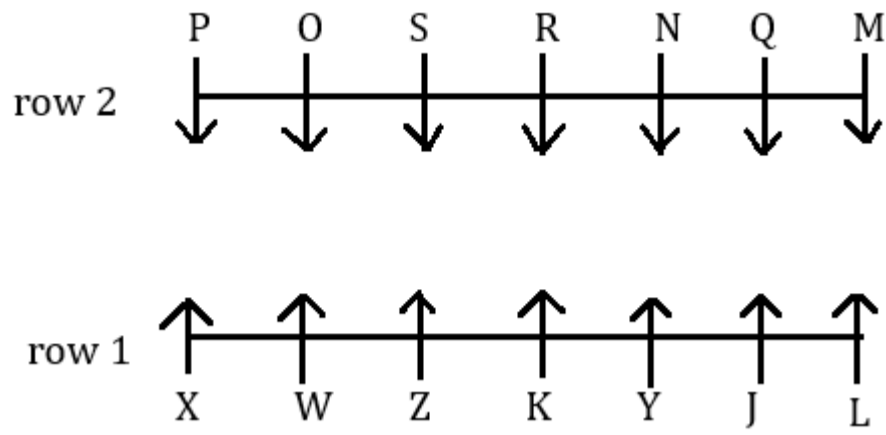
case 1



case 2



Inference: Final arrangement is here:



Except J all are sitting at the ends of the row

Q.43 Who among the following person likes coffee?

Study the following information carefully and answer the questions given below:

Seven friends are going to appear in an exam in seven different months- January, February, March, June, August, October and December of the same year. Each of them also likes different beverages.

C is going to appear in exam in a month which has less than 31 days. Only two persons are going to give the exam between the month in which C and D give the exam. The one who likes Mojito is going to appear in exam immediately before E. Only one person gives exam before the one who likes Juice. B gives exam immediately after the one who likes Juice. Only three persons give exam between B and the one who likes Lassi. E likes neither Lassi nor Juice. A gives exam immediately before E. G likes Shake. The one who likes Smoothies gives exam in the month, which has less than 31 days. The one who gives exam in March does not like Lemonade. F does not like Coffee.

- A. D
- B. G
- C. F
- D. B
- E. None of these

Answer: D

Sol:

Month	Friends	Beverages
January	G	Shake
February	F	Juice
March	B	Coffee
June	C	Smoothies
August	A	Mojito
October	E	Lemonade
December	D	Lassi

Q.44 The one who likes smoothies gives exam in which of the following month?

Study the following information carefully and answer the questions given below:

Seven friends are going to appear in an exam in seven different months- January, February, March, June, August, October and December of the same year. Each of them also likes different beverages.

C is going to appear in exam in a month which has less than 31 days. Only two persons are going to give the exam between the month in which C and D give the exam. The one who likes Mojito is going to appear in exam immediately before E. Only one person gives exam before the one who likes Juice. B gives exam immediately after the one who likes Juice. Only three persons give exam between B and the one who likes Lassi. E likes neither Lassi nor Juice. A gives exam immediately before E. G likes Shake. The one who likes Smoothies gives exam in the month, which has less than 31 days. The one who gives exam in March does not like Lemonade. F does not like Coffee.

- A. March
- B. October
- C. June
- D. August
- E. None of these

Answer: C

Sol:

Month	Friends	Beverages
January	G	Shake
February	F	Juice
March	B	Coffee
June	C	Smoothies
August	A	Mojito
October	E	Lemonade
December	D	Lassi



Q.45 The one who gives exam in October likes which of the following beverage?

Study the following information carefully and answer the questions given below:

Seven friends are going to appear in an exam in seven different months- January, February, March, June, August, October and December of the same year. Each of them also likes different beverages.

C is going to appear in exam in a month which has less than 31 days. Only two persons are going to give the exam between the month in which C and D give the exam. The one who likes Mojito is going to appear in exam immediately before E. Only one person gives exam before the one who likes Juice. B gives exam immediately after the one who likes Juice. Only three persons give exam between B and the one who likes Lassi. E likes neither Lassi nor Juice. A gives exam immediately before E. G likes Shake. The one who likes Smoothies gives exam in the month, which has less than 31 days. The one who gives exam in March does not like Lemonade. F does not like Coffee.

- A. Juice
- B. Lemonade
- C. Shake
- D. Lassi
- E. None of these

Answer: B

Sol:

Month	Friends	Beverages
-------	---------	-----------

January	G	Shake
February	F	Juice
March	B	Coffee
June	C	Smoothies
August	A	Mojito
October	E	Lemonade
December	D	Lassi

Q.46 D gives exam in which of the following month?

Study the following information carefully and answer the questions given below:

Seven friends are going to appear in an exam in seven different months- January, February, March, June, August, October and December of the same year. Each of them also likes different beverages.

C is going to appear in exam in a month which has less than 31 days. Only two persons are going to give the exam between the month in which C and D give the exam. The one who likes Mojito is going to appear in exam immediately before E. Only one person gives exam before the one who likes Juice. B gives exam immediately after the one who likes Juice. Only three persons give exam between B and the one who likes Lassi. E likes neither Lassi nor Juice. A gives exam immediately before E. G likes Shake. The one who likes Smoothies gives exam in the month, which has less than 31 days. The one who gives exam in March does not like Lemonade. F does not like Coffee.

- A. January
- B. March
- C. December
- D. October
- E. None of these

Answer: C

Sol:

Month	Friends	Beverages
January	G	Shake
February	F	Juice
March	B	Coffee
June	C	Smoothies
August	A	Mojito
October	E	Lemonade
December	D	Lassi

Q.47 How many persons give exam between G and the one who likes Mojito?

Study the following information carefully and answer the questions given below:

Seven friends are going to appear in an exam in seven different months- January, February, March, June, August, October and December of the same year. Each of them also likes different beverages.

C is going to appear in exam in a month which has less than 31 days. Only two persons are going to give the exam between the month in which C and D give the exam. The one who likes Mojito is going to appear in exam immediately before E. Only one person gives exam before the one who likes Juice. B gives exam immediately after the one who likes Juice. Only three persons give exam between B and the one who likes Lassi. E likes neither Lassi nor Juice. A gives exam immediately before E. G likes Shake. The one who likes Smoothies gives exam in the month, which has less than 31 days. The one who gives exam in March does not like Lemonade. F does not like Coffee.

- A. Four
- B. One
- C. Two
- D. Three
- E. None

Answer: D

Sol:

Month	Friends	Beverages
January	G	Shake
February	F	Juice
March	B	Coffee
June	C	Smoothies
August	A	Mojito
October	E	Lemonade
December	D	Lassi

Q.48 Statement: Family counsellors argue that watching television during meals negatively affects family bonding, claiming that screens distract members from meaningful conversations. Some parents counter that watching a shared show gives the family a common topic to discuss later in the evening.

Which of the following, if true, most weakens the parents' counter-argument?

- A. Families that eat dinner together without TV tend to eat healthier, home-cooked meals.
- B. The average family spends three hours a day watching television in different rooms of the house.
- C. Many popular family television shows are highly educational and tackle complex moral dilemmas.
- D. Families rarely ever discuss the shows they watch during dinner; instead, they remain completely silent before dispersing to separate rooms.
- E. Dining rooms without televisions are becoming increasingly popular in modern suburban home designs.

Answer: D

Sol:

Solution:

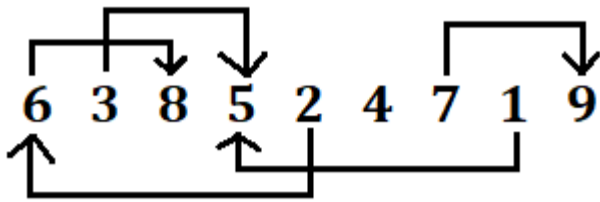
The parents argue that watching TV provides a topic for later discussion. Option (d) directly attacks this premise by stating that the anticipated discussion almost never actually happens, thus destroying the assumed benefit of watching TV together.

Q.49 How many pairs of digits are there in the number “638524719” each of which have as many digits between them as in the number series (both in the forward and backward directions)?

- A. One
- B. Two
- C. Three
- D. Four
- E. Five

Answer: E

Sol: Total five pairs
 Forward - (6,8), (3,5), (7,9)
 Backward - (1,5), (2,6)



Q.50 Which among the following box is kept three boxes below the box which is kept at the topmost position?

Study the following information carefully and answer the questions given below:

A certain number of boxes are kept one above other in the form of stack. At most one box is kept above box E. Only three boxes are kept between box H and box E. Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J. The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

- A. Box E
- B. Box H
- C. Box C
- D. Box G
- E. Box I

Answer: D

Sol: Final arrangement:

Boxes
E
G
H
D
J
I
P
K

Clues: At most one box is kept above box E. Only three boxes are kept between box H and box E.

Inference: We have two possible cases:

Case 1	Case 2
Boxes	Boxes
E	
	E
H	
	H

Clues: Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J.

Inference:

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I

Clues: The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

Inference: Case 1 gets eliminated.

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I
	P
	K

Inference: The final arrangement is:

Boxes
E
G
H
D
J
I
P
K

Box G is kept three boxes below the box which is kept at the topmost position.

Q.51 What is the position of box P with respect to box D?

Study the following information carefully and answer the questions given below:

A certain number of boxes are kept one above other in the form of stack. At most one box is kept above box E. Only three boxes are kept between box H and box E. Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J. The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

- A. Three boxes above
- B. Four boxes below
- C. Four boxes above
- D. Immediately below
- E. Five boxes below

Answer: B

Sol: Final arrangement:

Boxes
E
G
H
D
J
I
P
K

Clues: At most one box is kept above box E. Only three boxes are kept between box H and box E.

Inference: We have two possible cases:

Case 1 Boxes	Case 2 Boxes
E	
	E
H	
	H

Clues: Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J.

Inference:

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I

Clues: The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

Inference: Case 1 gets eliminated.

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I
	P
	K

Inference: The final arrangement is:

Boxes
E
G
H
D
J
I
P
K

Four boxes below

Q.52 Which among the following statement(s) is/are true?

- I. Box K is kept at the bottom most position
- II. Even number of boxes are kept between box E and box P
- III. Odd number of boxes are kept below box D

Study the following information carefully and answer the questions given below:

A certain number of boxes are kept one above other in the form of stack. At most one box is kept above box E. Only three boxes are kept between box H and box E. Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J. The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

- A. Both I and II
- B. Both II and III
- C. Only II
- D. Only III
- E. All I, II and III

Answer: E

Sol: Final arrangement:

Boxes
E
G
H
D
J
I
P
K

Clues: At most one box is kept above box E. Only three boxes are kept between box H and box E.

Inference: We have two possible cases:

Case 1	Case 2
Boxes	Boxes
E	
	E
H	
	H

Clues: Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J.

Inference:

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I

Clues: The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

Inference: Case 1 gets eliminated.

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I
	P
	K

Inference: The final arrangement is:

Boxes
E
G
H
D
J
I
P
K

All I, II and III are true

Q.53 . Which among the following box is kept exactly between box G and box K?

Study the following information carefully and answer the questions given below:

A certain number of boxes are kept one above other in the form of stack. At most one box is kept above box E. Only three boxes are kept between box H and box E. Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J. The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

- A. Box H
- B. Box I
- C. Box J
- D. Unknown box
- E. None of these

Answer: D

Sol: Final arrangement:

Boxes
E
G
H
D
J
I
P
K

Clues: At most one box is kept above box E. Only three boxes are kept between box H and box E.

Inference: We have two possible cases:

Case 1 Boxes	Case 2 Boxes
E	
	E
H	
	H

Clues: Box G is kept exactly between box E and box H. Box D is kept three boxes below box G. Only one box is kept between box J and box D. Box I is kept immediately below box J.

Inference:

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I

Clues: The number of boxes kept above box E is one less than the number of boxes kept below box I. Only one box is kept between box I and box K which is kept immediately below box P.

Inference: Case 1 gets eliminated.

Case 1 Boxes	Case 2 Boxes
E	
	E
G	
	G
H	
D	H
	D
J	
I	J
	I
	P
	K

Inference: The final arrangement is:

Boxes
E
G
H
D
J
I
P
K

Unknown box

- Q.54** Statement: Over the past five years, the number of professionals aged 40-50 enrolling in evening "upskilling" technology bootcamps has tripled.
Inference: The rapid acceleration of AI and automation in the workplace has made continuous learning an absolute necessity just to retain basic job security.
Which of the following, if true, would most strongly support the inference?
- A. Human resources data shows that middle-aged employees who fail to update their tech skills are the first to be laid off during corporate restructuring.
 - B. Evening bootcamps are generally much more affordable than enrolling in a full-time university master's degree.
 - C. Many professionals aged 40-50 are experiencing a mid-life crisis and simply want to learn a new hobby to stay active.
 - D. The technology bootcamps are heavily subsidized by federal government grants aimed at adult education.
 - E. Companies are increasingly hiring fresh college graduates who are willing to work for lower starting salaries.

Answer: A

Sol:

Sol. (a) Human resources data shows that middle-aged employees who fail to update their tech skills are the first to be laid off during corporate restructuring.
Explanation: The inference claims upskilling is a necessity for "job security." Option (a) provides concrete proof that ignoring continuous learning directly results in losing one's job, completely validating the inference.

- Q.55** Statement I: Major health insurance companies started offering premium discounts for users who sync their daily fitness tracker data.
Statement II: The sales of wearable fitness devices and smartwatches saw a massive 40% spike this quarter.
- A. Statement I is the cause and statement II is its effect.
 - B. Statement II is the cause and statement I is its effect.
 - C. Both the statements I and II are independent causes.
 - D. Both the statements I and II are effects of independent causes.
 - E. Both the statements I and II are effects of some common cause.

Answer: A

Sol:

Sol. Explanation: Providing a clear financial incentive like insurance discounts (Statement I) directly motivates the public to buy fitness trackers, causing the spike in sales (Statement II).

- Q.56** The one who lives in the west of F, likes which of the following fruits?
Study the information carefully and answer the questions given below.
Six persons live in a three-storey building such that ground floor is numbered as 1, above it is floor 2 then topmost floor is numbered as 3. Each of the floor has 2 flats in it as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and so on. In the same way flat-2 of floor-2 is immediately above flat-2 of floor-1 and immediately below flat-2 of floor-3 and so on. Flat-1 is in west of flat-2. Each of them likes different fruits.
One floor is between A and D who likes peach. Both A and D live in the same flat number. A lives above C who lives on an even numbered floor in flat 2. The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango.
- A. Peach
 - B. Mango
 - C. Guava

- D. Cannot be determined
- E. None of these

Answer: A

Sol: One floor is between A and D who likes peach. Both A and D live in the same flat. A lives above C who lives on an even numbered floor in flat 2. There are two possibilities-

Floors/Flat	Case-1		Case-2	
	Flat-1	Flat-2	Flat-1	Flat-2
3	A			A
2		C		C
1	D (Peach)			D (Peach)

The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. From this condition case-2 will be eliminated.

Floors/Flat	Case-1		Case-2	
	Flat-1	Flat-2	Flat-1	Flat-2
3	A	E/		A
2	(Grapes)	C (Cherry)		C
1	D (Peach)	E/		D (Peach)

H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango. The final arrangement is.

Floors/Flat	Flat-1	Flat-2
3	A (Mango)	E (Guava)
2	H (Grapes)	C (Cherry)
1	D (Peach)	F (Apple)

D lives in the west of F and likes peach.

Q.57 Who among the following lives in the east of H?

Study the information carefully and answer the questions given below.

Six persons live in a three-storey building such that ground floor is numbered as 1, above it is floor 2 then topmost floor is numbered as 3. Each of the floor has 2 flats in it as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and so on. In the same way flat-2 of floor-2 is immediately above flat-2 of floor-1 and immediately below flat-2 of floor-3 and so on. Flat-1 is in west of flat-2. Each of them likes different fruits.

One floor is between A and D who likes peach. Both A and D live in the same flat number. A lives above C who lives on an even numbered floor in flat 2. The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango.

- A. F
- B. C
- C. E
- D. A
- E. None of these

Answer: B

Sol: One floor is between A and D who likes peach. Both A and D live in the same flat. A lives above C who lives on an even numbered floor in flat 2. There are two possibilities-

Floors/Flat	Case-1		Case-2	
	Flat-1	Flat-2	Flat-1	Flat-2
3	A			A
2		C		C
1	D (Peach)			D (Peach)

The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. From this condition case-2 will be eliminated.

Floors/Flat	Case-1		Case-2	
	Flat-1	Flat-2	Flat-1	Flat-2
3	A	E/		A
2	(Grapes)	C (Cherry)		C
1	D (Peach)	E/		D (Peach)

H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango. The final arrangement is.

Floors/Flat	Flat-1	Flat-2
3	A (Mango)	E (Guava)
2	H (Grapes)	C (Cherry)
1	D (Peach)	F (Apple)

C lives in the east of H.

Q.58 Four of the following five are alike in a certain way so form a group, which of the following does not belong to that group?

Study the information carefully and answer the questions given below.

Six persons live in a three-storey building such that ground floor is numbered as 1, above it is floor 2 then topmost floor is numbered as 3. Each of the floor has 2 flats in it as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and so on. In the same way flat-2 of floor-2 is immediately above flat-2 of floor-1 and immediately below flat-2 of floor-3 and so on. Flat-1 is in west of flat-2. Each of them likes different fruits.

One floor is between A and D who likes peach. Both A and D live in the same flat number. A lives above C who lives on an even numbered floor in flat 2. The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango.

- A. A
- B. E
- C. H
- D. D
- E. F

Answer: C

Sol: One floor is between A and D who likes peach. Both A and D live in the same flat. A lives above C who lives on an even numbered floor in flat 2. There are two possibilities-

	Case-1		Case-2	
Floors/Flat	Flat-1	Flat-2	Flat-1	Flat-2
3	A			A
2		C		C
1	D (Peach)			D (Peach)

The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. From this condition case-2 will be eliminated.

	Case-1		Case-2	
Floors/Flat	Flat-1	Flat-2	Flat-1	Flat-2
3	A	E/		A
2	(Grapes)	C (Cherry)		C
1	D (Peach)	E/		D (Peach)

H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango. The final arrangement is.

Floors/Flat	Flat-1	Flat-2
3	A (Mango)	E (Guava)
2	H (Grapes)	C (Cherry)
1	D (Peach)	F (Apple)

Only H lives on the even number floor.

Q.59 Who among the following likes Mango?

Study the information carefully and answer the questions given below.

Six persons live in a three-storey building such that ground floor is numbered as 1, above it is floor 2 then topmost floor is numbered as 3. Each of the floor has 2 flats in it as flat-1 and flat-2. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and so on. In the same way flat-2 of floor-2 is immediately above flat-2 of floor-1 and immediately below flat-2 of floor-3 and so on. Flat-1 is in west of flat-2. Each of them likes different fruits.

One floor is between A and D who likes peach. Both A and D live in the same flat number. A lives above C who lives on an even numbered floor in

flat 2. The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango.

- A. C
- B. H
- C. E
- D. A
- E. None of these

Answer: D

Sol: One floor is between A and D who likes peach. Both A and D live in the same flat. A lives above C who lives on an even numbered floor in flat 2. There are two possibilities-

Floors/Flat	Case-1		Case-2	
	Flat-1	Flat-2	Flat-1	Flat-2
3	A			A
2		C		C
1	D (Peach)			D (Peach)

The one who likes Grapes lives west of the one who likes cherry. E lives on an odd numbered floor and in an even number flat. Neither A nor C likes Grapes and Guava. From this condition case-2 will be eliminated.

Floors/Flat	Case-1		Case-2	
	Flat-1	Flat-2	Flat-1	Flat-2
3	A	E/		A
2	(Grapes)	C (Cherry)		C
1	D (Peach)	E/		D (Peach)

H lives north-west of F who likes Apple. One of the persons who lives in Flat 1 likes mango. The final arrangement is.

Floors/Flat	Flat-1	Flat-2
3	A (Mango)	E (Guava)
2	H (Grapes)	C (Cherry)
1	D (Peach)	F (Apple)

A likes Mango.

Q.60 Statement: Parents noticed their young son eating sweets several times a day, even after meals. They warned him that too many sweets could lead to tooth decay, obesity, and other health problems. When the child complained, they scolded him, saying it's important to learn moderation early in life.

What could be the possible reason for the above statement?

- A. Parents want to reduce household expenses
- B. Parents dislike children who eat sweets
- C. Parents want their child to develop self-control and healthy habits
- D. Parents believe sweets cause laziness
- E. Parents want to reward him later with chocolates

Answer: C

Sol: The parents' concern is preventive—aiming to teach the child discipline and awareness of health risks rather than denying pleasure.

Q.61 According to the passage, what are classical realists' concerns?

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the _____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The primary principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive

actions, which leads other nations to react similarly, perpetuating the cycle.

It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in. Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs, classical realists see war as the logical result of a system that by its nature lacks a true central authority. Hand in hand with this view of conflict as an inevitable condition of the global power structure is the realists' view of the nation as a unitary actor. Because classical realists see international relations as a continuing struggle for dominance, the nation cannot be viewed as a collection of individuals with disparate wants, goals, and ideologies.

The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. They ponder over notions about why war exists and how can peace be established.
- B. They agree that a nation is an amalgamation of individuals with different needs and wants.
- C. National security does require the use of military and defence forces.
- D. All of the above
- E. None of the above

Answer: A

Sol:

The correct answer is option (a) since it states in the first paragraph itself "Specifically, classical realists ask, what are the causes of war and what are the conditions of peace." This sentence is the same in meaning as option (a) hence, making it the correct option.

Q.62 Which of the following statement can be inferred as TRUE after reading the passage?

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the _____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The primary principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive actions, which leads other nations to react similarly, perpetuating the cycle.

It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in. Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs, classical realists see war as the logical result of a system that by its nature lacks a true central authority. Hand in hand with this view of conflict as an inevitable condition of the global power structure is the realists' view of the nation as a unitary actor. Because classical realists see international relations as a continuing struggle for dominance, the nation cannot be viewed as a collection of individuals with disparate wants, goals, and ideologies.

The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. Realist theory is not the one responsible for the formation of foreign policies of the countries.
- B. Liberals believe that an international policy based on building a strong military force to deter threats is extremely important.
- C. Realists are of the school of thought that states international conflict is an assured result of the structural problems of the nations.
- D. None of the above
- E. All of the above

Answer: C

Sol:

The correct statement is option (c) since it sends the same message as the statement in the second paragraph: "It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in."

Q.63 What are the reasons for the conception of war on the international level according to other schools of thought?

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the

_____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The primary principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive actions, which leads other nations to react similarly, perpetuating the cycle.

It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in. Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs, classical realists see war as the logical result of a system that by its nature lacks a true central authority. Hand in hand with this view of conflict as an inevitable condition of the global power structure is the realists' view of the nation as a unitary actor. Because classical realists see international relations as a continuing struggle for dominance, the nation cannot be viewed as a collection of individuals with disparate wants, goals, and ideologies.

The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. The feeling of safety, countries feel when each nation strengthens their own military and territorial defences.
- B. The ceaseless struggle for dominance by various countries on the international levels.
- C. The existence of factors such as evil dictators, flawed socio-political systems, etc.
- D. All of the above
- E. None of the above

Answer: C

Sol:

The correct answer to the question posed is in option (c).

Paragraph 2 mentions "Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs,....". Hence, we can conclude that option (c) states the answer to the question about theories of conception of war as posed by different schools of thought.

Q.64 Select the synonym of the word **primary** highlighted in the passage.

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the _____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The **primary** principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive actions, which leads other nations to react similarly, perpetuating the cycle.

It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in. Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs, classical realists see war as the logical result of a system that by its nature lacks a true central authority. Hand in hand with this view of conflict as an inevitable condition of the global power structure is the realists' view of the nation as a unitary actor. Because classical realists see international relations as a continuing struggle for dominance, the nation cannot be viewed as a collection of individuals with disparate wants, goals, and ideologies.

The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. Banality
- B. Circumvent
- C. Second-hand
- D. Chief
- E. None of the above

Answer: D

Sol:

'Primary' means of chief importance; principal. Hence, the correct choice of its synonym will be option (d): 'chief'.

Banality means something that is boring or ordinary; unoriginality.

Circumvent means find a way around (an obstacle).

Second-hand means (of goods) having had a previous owner; not new.

Q.65 Select the antonym of the word inevitable highlighted in the passage.

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the _____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The primary principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive actions, which leads other nations to react similarly, perpetuating the cycle.

It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in. Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs, classical realists see war as the logical result of a system that by its nature lacks a true central authority. Hand in hand with this view of conflict as an inevitable condition of the global power structure is the realists' view of the nation as a unitary actor. Because classical realists see international relations as a continuing struggle for dominance, the nation cannot be viewed as a collection of individuals with disparate wants, goals, and ideologies.

The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. avoidable
- B. politicized
- C. marginal
- D. expose
- E. None of the above

Answer: A

Sol:

'Inevitable' means unable to be avoided. Hence, the correct choice of its antonym will be option (a): 'avoidable'.

Politicized means cause (an activity or event) to become political in character.

Marginal means not very important; slight or small; not included in the main part.

Expose means to make (something) visible, typically by uncovering it.

Q.66 Select the correct phrase to be filled in the blank in the paragraph.

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the _____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The primary principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive actions, which leads other nations to react similarly, perpetuating the cycle.

It is important to note that for realists, unlike idealists or liberal internationalists, international conflict is a necessary consequence of the structural anarchy that nations find themselves in. Whereas other schools may see international conflict as the result of evil dictators, historical chance, flawed socio-political systems, or ignorance of world affairs, classical realists see war as the logical result of a system that by its nature lacks a true central authority. Hand in hand with this view of conflict as an inevitable condition of the global power structure is the realists' view of the nation as a unitary actor. Because classical realists see international relations as a continuing struggle for dominance, the nation cannot be viewed as a collection of individuals with disparate wants, goals, and ideologies.

The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international

relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. End of
- B. Demise of
- C. Stagnation of
- D. Birth of
- E. None of the above

Answer: D

Sol:

The phrase that would fill the blank best, thus making it complete, is option (d): birth of.

The complete sentence will be: Even at the **birth of** the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective.

Q.67 What is the central theme of the passage?

Read the passage carefully and answer the questions given below it. Certain words/ phrases are given in bold to help you locate them while answering some of the questions.

The classical realist theory of international relations has long dominated both academic institutions and the American government. Even at the _____ the nation, early political thinkers, such as Alexander Hamilton, promoted a realist view of international relations and sought to influence the actions of the government based on this perspective. While the classical realist school of international relations is not entirely homogeneous in nature, there are certain premises that all classical realists share. The primary principle underlying classical realism is a concern with issues of war and peace. Specifically, classical realists ask, what are the causes of war and what are the conditions of peace? The members of the classical realist school mainly attribute war and conflict to what is termed the security dilemma. In the absence of any prevailing global authority, each nation is required to address its own security needs. However, each nation's quest for security—through military buildups, alliances, or territorial defences—necessarily unsettles other nations. These nations react to feelings of insecurity by engaging in their own aggressive actions, which leads other nations to react similarly, perpetuating the cycle.

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The realist view requires the formulation of a national interest, which in its simplest terms refers to the nation's ability to survive, maintain its security, and achieve some level of power relative to its competitors. Realism is not without its critics, many of whom challenge the premise that war is the natural condition of international relations or that there can be a truly national interest. However, the realist school of international relations continues to shape foreign policy because of the successes it has had in describing real world interactions between nations.

- A. War is not an appropriate solution to conflict.
- B. Realists' support and justification of war.
- C. Restoration of peace on an international level is a farfetched dream.
- D. None of the above
- E. All of the above

Answer: B

Sol:

The central theme of the passage revolves around the explanation of realist theory of international relations and the realist thinkers' perspective towards the conception of war and restoration of peace. The realist theory states and supports the view that war is imperative in solving the tensions at the international level. Hence, we can see that option (c) describes the theme of the passage best.

Q.68 In Langston Hughes's *The Weary Blues*, he challenged two well-established traditions in African American literature. Which of the following accurately represents these traditions?

Read the passage carefully and answer the questions based on the passage.

There is substantial evidence that by 1926, with the publication of *The Weary Blues*, Langston Hughes had broken with two well-established traditions in African American literature. In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration, and that, in order to do so, it must reflect an understanding and mastery of Western European literary techniques and styles. Necessarily excluded by this decree, linguistically and thematically, was the vast amount of secular folk material in the oral tradition that had been created by Black people in the years of slavery and after. It might be pointed out that even the spirituals or "sorrow songs" of the slaves—as distinct from their secular songs and stories—had been Europeanized to make them acceptable within these African American traditions after the Civil War. In 1862 Northern White writers had commented favorably on the unique and provocative melodies of these "sorrow songs" when they first heard them sung by slaves in the Carolina sea islands. But by 1916, ten years before the publication of *The Weary Blues*, Harry T. Burleigh, the Black baritone soloist at New York's ultrafashionable Saint George's Episcopal Church, had published *Jubilee Songs of the United States*, with every spiritual arranged so that a concert singer could sing it "in the manner of an art

song." Clearly, the artistic work of Black people could be used to promote racial acceptance and integration only on the condition that it became Europeanized.

- A. Emphasizing racial autonomy and embracing Western European literary styles
- B. Advocating racial assimilation and rejecting European literary methods
- C. Promoting racial acceptance and mastering Western European literary styles
- D. Dismissing racial integration and rebuffing Western European literary techniques
- E. Fostering racial amalgamation and adhering to European literary methods

Answer: C

Sol:

The correct answer is: "Promoting racial acceptance and mastering Western European literary styles"

In the passage, it is stated that Langston Hughes, through his work *The Weary Blues*, broke with two well-established traditions in African American literature. The first tradition was the idea that African American literature must promote racial acceptance and integration. The second tradition was that, in order to achieve this, it must reflect an understanding and mastery of Western European literary techniques and styles.

Let's examine the lines from the passage that support this:

" In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration, and that, in order to do so, it must reflect an understanding and mastery of Western European literary techniques and styles."

Let's examine the incorrect options:

- (a) **Emphasizing racial autonomy and embracing Western European literary styles** - This is incorrect because the passage suggests that Hughes challenged the tradition of promoting racial acceptance, not racial autonomy.
 - (b) **Advocating racial assimilation and rejecting European literary methods** - This is incorrect because Hughes challenged the tradition of promoting racial acceptance, not racial assimilation, and he did not reject European literary methods but rather modified them.
 - (d) **Dismissing racial integration and rebuffing Western European literary techniques** - This is incorrect as Hughes did not dismiss racial integration but rather modified the tradition of promoting racial acceptance. Additionally, he did not outright rebuff Western European literary techniques but chose to modify them.
 - (e) **Fostering racial amalgamation and adhering to European literary methods** - This is incorrect because Hughes challenged the tradition of promoting racial acceptance, not racial amalgamation, and he did not merely adhere to European literary methods but modified them in his work.
- In summary, option (c) correctly represents Langston Hughes's challenge to the traditions of promoting racial acceptance and mastering Western European literary styles based on the evidence provided in the passage.

Q.69 How did the literary decree impact the treatment of spirituals or "sorrow songs" over time, according to the passage?

Read the passage carefully and answer the questions based on the passage.

There is substantial evidence that by 1926, with the publication of *The Weary Blues*, Langston Hughes had broken with two well-established traditions in African American literature. In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration, and that, in order to do so, it must reflect an understanding and mastery of Western European literary techniques and styles. Necessarily excluded by this decree, linguistically and thematically, was the vast amount of secular folk material in the oral tradition that had been created by Black people in the years of slavery and after. It might be pointed out that even the spirituals or "sorrow songs" of the slaves—as distinct from their secular songs and stories—had been Europeanized to make them acceptable within these African American traditions after the Civil War. In 1862 Northern White writers had commented favorably on the unique and provocative melodies of these "sorrow songs" when they first heard them sung by slaves in the Carolina sea islands. But by 1916, ten years before the publication of *The Weary Blues*, Harry T. Burleigh, the Black baritone soloist at New York's ultrafashionable Saint George's Episcopal Church, had published *Jubilee Songs of the United States*, with every spiritual arranged so that a concert singer could sing it "in the manner of an art song." Clearly, the artistic work of Black people could be used to promote racial acceptance and integration only on the condition that it became Europeanized.

- A. They were preserved authentically in their original form.
- B. They were systematically excluded from literary traditions.
- C. They underwent Europeanization to conform to literary norms.
- D. They evolved into a distinct tradition unaffected by European styles.
- E. They were intentionally adapted to Western European musical structures.

Answer: C

Sol:

The correct answer is: (c) **They underwent Europeanization to conform to literary norms:** This option accurately captures the impact described in the passage. The text mentions that even the spirituals or "sorrow songs" of the slaves had been Europeanized to make them acceptable within African American literary traditions after the Civil War.

The other options are incorrect due to:

(a) **They were preserved authentically in their original form:** The passage indicates the opposite. The literary decree excluded the vast amount of secular folk material, including spirituals, from African American literature. This option does not align with the impact described in the passage.

(b) **They were systematically excluded from literary traditions:** This option accurately reflects the impact of the literary decree. The passage mentions that the decree excluded the vast amount of secular folk material, including the spirituals, from the literary tradition.

(d) **They evolved into a distinct tradition unaffected by European styles:** The passage suggests the opposite. The literary decree, as described, led to the Europeanization of spirituals to conform to the accepted norms of African American literature, indicating an impact that involved adapting to European styles.

(e) **They were intentionally adapted to Western European musical structures:** This option aligns with the impact described in the passage. It highlights the intentional adaptation of spirituals to Western European musical structures, which is in line with the Europeanization mentioned in the passage.

In conclusion, the correct answer is (c) They underwent Europeanization to conform to literary norms. This option accurately reflects how the literary decree impacted the treatment of spirituals or "sorrow songs" over time, as explained in the passage.

Q.70 To be employed in promoting racial acceptance and integration, the artistic work of Black people, according to the passage, necessitated: Read the passage carefully and answer the questions based on the passage.

There is substantial evidence that by 1926, with the publication of *The Weary Blues*, Langston Hughes had broken with two well-established traditions in African American literature. In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration, and that, in order to do so, it must reflect an understanding and mastery of Western European literary techniques and styles. Necessarily excluded by this decree, linguistically and thematically, was the vast amount of secular folk material in the oral tradition that had been created by Black people in the years of slavery and after. It might be pointed out that even the spirituals or "sorrow songs" of the slaves—as distinct from their secular songs and stories—had been Europeanized to make them acceptable within these African American traditions after the Civil War. In 1862 Northern White writers had commented favorably on the unique and provocative melodies of these "sorrow songs" when they first heard them sung by slaves in the Carolina sea islands. But by 1916, ten years before the publication of *The Weary Blues*, Harry T. Burleigh, the Black baritone soloist at New York's ultrafashionable Saint George's Episcopal Church, had published *Jubilee Songs of the United States*, with every spiritual arranged so that a concert singer could sing it "in the manner of an art song." Clearly, the artistic work of Black people could be used to promote racial acceptance and integration only on the condition that it became Europeanized.

- A. Preservation of its original form and thematic elements.
- B. A complete rejection of Western European literary styles.
- C. Incorporation of secular folk material in its entirety.
- D. A deliberate Europeanization adhering to Western styles.
- E. An embrace of the rich oral tradition without any modification.

Answer: D

Sol:

The correct answer is: (d) **A deliberate Europeanization adhering to Western styles:** This option aligns with the passage. The artistic work of Black people, according to the passage, could be used to promote racial acceptance and integration only if it became Europeanized, adhering to Western European literary techniques and styles.

The other options are incorrect due to:

(a) **Preservation of its original form and thematic elements:** The passage suggests the opposite. The artistic work of Black people could be used to promote racial acceptance and integration only if it became Europeanized, which involves modification from its original form and thematic elements.

(b) **A complete rejection of Western European literary styles:** While the passage does indicate a departure from the tradition of mastering Western European literary styles, it doesn't advocate for a complete rejection. Instead, it emphasizes modifying the traditions rather than outright rejection.

(c) **Incorporation of secular folk material in its entirety:** This option is not explicitly mentioned in the passage. The focus is on the modification of traditions and the Europeanization of artistic work rather than the incorporation of secular folk material in its entirety.

(e) **An embrace of the rich oral tradition without any modification:** This option contradicts the passage. The artistic work needed to be Europeanized to be acceptable within the African American literary traditions, indicating a departure from the rich oral tradition without retaining it in its unmodified form.

In conclusion, the correct answer is (d) A deliberate Europeanization adhering to Western styles. This option accurately reflects the necessity described in the passage for the artistic work of Black people to be used in promoting racial acceptance and integration.

Q.71 What is the central theme of the passage?

Read the passage carefully and answer the questions based on the passage.

There is substantial evidence that by 1926, with the publication of *The Weary Blues*, Langston Hughes had broken with two well-established traditions in African American literature. In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration, and that, in order to do so, it must reflect an understanding and mastery of Western European literary techniques and styles. Necessarily excluded by this decree, linguistically and thematically, was the vast amount of secular folk material in the oral tradition that had been created by Black people in the years of slavery and after. It might be pointed out that even the spirituals or "sorrow songs" of the slaves—as distinct from their secular songs and stories—had been Europeanized to make them acceptable within these African American traditions after the Civil War. In 1862 Northern White writers had commented favorably on the unique and provocative melodies of these "sorrow songs" when they first heard them sung by slaves in the Carolina sea islands. But by 1916, ten years before the publication of *The*

Weary Blues, Harry T. Burleigh, the Black baritone soloist at New York's ultrafashionable Saint George's Episcopal Church, had published Jubilee Songs of the United States, with every spiritual arranged so that a concert singer could sing it "in the manner of an art song." Clearly, the artistic work of Black people could be used to promote racial acceptance and integration only on the condition that it became Europeanized.

- A. The evolution of African American literary traditions over time.
- B. Langston Hughes's mastery of Western European literary techniques.
- C. The impact of secular folk material on African American literature.
- D. The tension between promoting racial acceptance and maintaining cultural authenticity.
- E. The preservation of oral traditions in African American artistic works.

Answer: D

Sol:

The correct answer is: **(d) The tension between promoting racial acceptance and maintaining cultural authenticity.** The passage primarily revolves around Langston Hughes's departure from established African American literary traditions, specifically challenging the traditions that mandated the promotion of racial acceptance and integration while adhering to Western European literary techniques. The central theme is the tension between the desire to promote racial acceptance and the necessity to maintain cultural authenticity, as evidenced by the modification and Europeanization of artistic works over time.

The other options are incorrect due to:

(a) The evolution of African American literary traditions over time: While the passage does touch upon changes in African American literary traditions, the central theme goes beyond evolution. It focuses more on the specific divergence of Langston Hughes from certain established traditions rather than a comprehensive evolution of African American literary traditions.

(b) Langston Hughes's mastery of Western European literary techniques: While Hughes's departure from the tradition of mastering Western European literary styles is mentioned, it is not the central theme. The passage is more concerned with Hughes's challenge to established traditions and the impact on the treatment of artistic works.

(c) The impact of secular folk material on African American literature: The impact of secular folk material is discussed in the passage, but it is not the central theme. The primary focus is on how certain traditions excluded this material, leading to a modification of artistic works, especially spirituals.

(e) The preservation of oral traditions in African American artistic works: While the passage acknowledges the impact of Europeanization on African American artistic works, the preservation of oral traditions is not the central theme. Instead, the passage emphasizes the modification and adaptation of these traditions to fit within established literary norms.

In conclusion, the correct answer is (d) The tension between promoting racial acceptance and maintaining cultural authenticity. This option best encapsulates the primary theme of the passage, as it revolves around Langston Hughes's departure from established traditions in order to address the tension between racial acceptance and cultural authenticity.

Q.72 . Which of the following words will best fit into the given blank in the passage?

Read the passage carefully and answer the questions based on the passage.

There is substantial evidence that by 1926, with the publication of *The Weary Blues*, Langston Hughes had broken with two well-established traditions in African American literature. In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration, and that, in order to do so, it must reflect an understanding and mastery of Western European literary techniques and styles. Necessarily excluded by this decree, linguistically and thematically, was the vast amount of secular folk material in the oral tradition that had been created by Black people in the years of slavery and after. It might be pointed out that even the spirituals or "sorrow songs" of the slaves—as distinct from their secular songs and stories—had been Europeanized to make them acceptable within these African American traditions after the Civil War. In 1862 Northern White writers had commented favorably on the unique and provocative melodies of these "sorrow songs" when they first heard them sung by slaves in the Carolina sea islands. But by 1916, ten years before the publication of *The Weary Blues*, Harry T. Burleigh, the Black baritone soloist at New York's ultrafashionable Saint George's Episcopal Church, had published *Jubilee Songs of the United States*, with every spiritual arranged so that a concert singer could sing it "in the manner of an art song." Clearly, the artistic work of Black people could be used to promote racial acceptance and integration only on the condition that it became Europeanized.

- A. prejudiced
- B. decreed
- C. rebuffed
- D. rescind
- E. cherish

Answer: B

Sol:

The correct answer is: **(b) decreed.** In the passage, the blank is appropriately filled with the word "decreed." The sentence reads: "In *The Weary Blues*, Hughes chose to modify the traditions that _____ that African American literature must promote racial acceptance and integration..."

The other options are incorrect due to the following reasons:

(a) prejudiced: This word does not fit the context of the sentence. The traditions are not described as prejudiced in the passage.

(c) rebuffed: While "rebuffed" is a valid word, it does not convey the sense of establishing or proclaiming a formal order, which is more in line with the meaning needed in the context.

(d) rescind: This word means to revoke or cancel, and it does not align with the idea of traditions being established or mandated.

(e) cherish: This word does not fit the context, as the passage discusses the modification of traditions rather than cherishing them.

In conclusion, the correct answer is (b) decreed, as it appropriately conveys the sense of establishing or proclaiming a formal order, which fits the context of the sentence in the passage.

Q.73 In each question, few sentences are given. Find out the sentence that does not contribute to the main theme of the passage or incoherent with respect to the other statements.

- A. Jupiter is the largest planet in our solar system and is known for its Great Red Spot, a giant storm.
- B. Saturn's rings are made up of ice and rock particles, creating a spectacular visual phenomenon.
- C. The surface of Venus is extremely hot, with temperatures high enough to melt lead.
- D. Mars, often called the Red Planet, has the largest volcano in the solar system, Olympus Mons.
- E. The Andromeda Galaxy is the closest spiral galaxy to the Milky Way and is on a collision course with it.

Answer: E

Sol:

Theme of the Passage: The overall theme of the passage is focused on specific planets within our solar system and their unique characteristics. The sentences describe notable features of Jupiter, Saturn, Venus, and Mars, which are all planets orbiting our Sun.

Analysis of Each Sentence:

- (a) **Jupiter is the largest planet in our solar system and is known for its Great Red Spot, a giant storm.** This sentence is clearly focused on Jupiter, a planet in our solar system, and it mentions its defining feature, the Great Red Spot. It aligns perfectly with the theme.
- (b) **Saturn's rings are made up of ice and rock particles, creating a spectacular visual phenomenon.** This sentence discusses Saturn, another planet in our solar system, and highlights its famous rings. Like sentence (a), it contributes directly to the theme of describing features of planets in our solar system.
- (c) **The surface of Venus is extremely hot, with temperatures high enough to melt lead.** Here, the focus is on Venus, another planet in our solar system, and its extreme surface temperatures. This sentence is also consistent with the theme.
- (d) **Mars, often called the Red Planet, has the largest volcano in the solar system, Olympus Mons.** This sentence describes Mars, emphasizing its defining feature, Olympus Mons, which is the largest volcano in the solar system. This is directly related to the theme of discussing planetary features.
- (e) **The Andromeda Galaxy is the closest spiral galaxy to the Milky Way and is on a collision course with it.** This sentence introduces a completely different topic: the Andromeda Galaxy, which is outside our solar system. Unlike the other sentences, which focus on planets within our solar system, this sentence shifts the focus to a galaxy beyond our solar system. While the Andromeda Galaxy is an important astronomical topic, it doesn't fit with the theme of planetary characteristics within our solar system.

Why Sentence (e) is Incoherent: The main theme of the passage is to describe and discuss the characteristics of planets in our solar system, like Jupiter, Saturn, Venus, and Mars. Each of these planets has a specific feature that makes it notable within our solar system. Sentence (e), however, diverges from this theme by discussing the Andromeda Galaxy, which is not a planet but a separate galaxy entirely. This shifts the focus away from the solar system and introduces a topic unrelated to the planets being discussed, making it thematically incoherent with the rest of the passage.

Q.74 In each question, few sentences are given. Find out the sentence that does not contribute to the main theme of the passage or incoherent with respect to the other statements.

- A. Coral reefs are diverse underwater ecosystems that support a wide variety of marine life.
- B. Dolphins are highly intelligent marine mammals known for their playful behavior.
- C. Phytoplankton are microscopic organisms that form the base of the oceanic food web.
- D. The Great Wall of China is a historic structure visible from space.
- E. Marine biologists study the behaviors, interactions, and environments of ocean organisms.

Answer: D

Sol:

Incoherent Sentence: (d) The Great Wall of China is a historic structure visible from space.

Analysis: This sentence refers to a historic landmark unrelated to the theme of marine biology.

Q.75

Column I

- (A) To protect Mahakumbh devotees from the cold,
- (B) The dolphin census at Chilika Lake
- (C) Women are reshaping the largest

Column II

- (D) wealth transfer in modern history.
- (E) in Odisha began on Monday.
- (F) the UP government launched an online bonfire wood system.

In the question below, two columns are given, each containing three phrases/sentences. Choose the option that will connect the phrases to form meaningful and correct sentences.

- A. B-F
- B. C-D, B-F
- C. A-F, B-E and C-D
- D. C-E
- E. A-E, B-F

Answer: C

Sol:

The correct answer is (c) A-F, B-E and C-D.

Explanation:

- A-F: "To protect Mahakumbh devotees from the cold, the UP government launched an online bonfire wood system." This is a correct match. The government took measures to help the devotees during the Mahakumbh, and providing a bonfire wood system is a logical step to protect them from the cold, which aligns with option F.
- B-E: "The dolphin census at Chilika Lake in Odisha began on Monday." This is a correct match. The census is happening in Chilika Lake, and the mention of Odisha fits perfectly, making option E the right match.
- C-D: "Women are reshaping the largest wealth transfer in modern history." This is a correct match. There is increasing recognition of women's involvement in financial growth and wealth accumulation, and they are indeed contributing significantly to wealth transfer, as described in option D.

Q.76

Column I

- (A) Colonialism exists both as a historical
- (B) Workplace resilience is more about the culture
- (C) I walk up to a tiny

Column II

- (D) created within an organisation than about individual employees
- (E) from old libraries to independent bookstores.
- (F) event and as a contemporary issue.

In the question below, two columns are given, each containing three phrases/sentences. Choose the option that will connect the phrases to form meaningful and correct sentences.

- A. A-D
- B. B-F, C-E
- C. C-D
- D. A-F, B-D
- E. B-F

Answer: D

Sol:

The correct answer is (d) A-F, B-D.

Explanation:

- A-F: "Colonialism exists both as a historical event and as a contemporary issue." This is a correct match. Colonialism is a concept that exists in both historical and modern contexts, and "event" fits logically with the term "historical," while "contemporary issue" aligns with the ongoing discussion of colonialism in modern times, as described in option F.
- B-D: "Workplace resilience is more about the culture created within an organisation than about individual employees." This is a correct match. Workplace resilience refers to how well an organization can adapt and thrive, which is more about the collective culture rather than focusing on individual actions or behaviors, making option D the right match.
- The other options don't create grammatically or contextually correct sentences.

Q.77

Column I

- (A) Internationalization of rupee refers to
- (B) Cabo Verde is located
- (C) They are carnivores, and feed mainly on

Column II

- (D) expanding the use of the rupee in cross-border transactions.
- (E) off the coast of West Africa in the Atlantic Ocean.
- (F) which governs Christian family law.

In the question below, two columns are given, each containing three phrases/sentences. Choose the option that will connect the phrases to form meaningful and correct sentences.

- A. A-E, C-D
- B. A-D, B-E
- C. B-D
- D. C-F
- E. B-F

Answer: B

Sol:

The correct answer is (b) A-D, B-E.

Explanation:

- A-D: "Internationalization of rupee refers to expanding the use of the rupee in cross-border transactions." This is a correct match. The term "internationalization of the rupee" typically means increasing the use of the Indian rupee for trade and financial transactions between countries, which aligns with option D.
 - B-E: "Cabo Verde is located off the coast of West Africa in the Atlantic Ocean." This is a correct match. Cabo Verde is an island country in the Atlantic Ocean, off the coast of West Africa, as described in option E.
 - C-F: Does not form a meaningful sentence, as "which governs Christian family law" does not relate to carnivores.
- Other combinations do not form grammatically correct or contextually meaningful sentences.

Q.78 The data **collected(A)** from the government-run rural **childcare(B)** centres also showed that the **almost (C)** of obese or overweight children was **percentage (D)** the same.

In the question given below four words are given in bold. These four words are may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- A. C-D
- B. B-A & D-C
- C. A-C
- D. B-D & A-C
- E. No interchange required

Answer: A

Sol: Correct Answer: A — C-D

After interchanging **almost (C)** and **percentage (D)**:

Correct sentence:

The data collected from the government-run rural childcare centres also showed that the percentage of obese or overweight children was almost the same.

Only **almost (C)** and **percentage (D)** are interchanged.

Meaning of Highlighted Words (English + Hindi + Example)

collected (A)

English Meaning: Gathered or obtained

Hindi Meaning: एकत्रित किया गया

Example: The data collected during the survey was analyzed carefully.

Position Analysis:

"The data collected from..." — correct past participle modifying "data."

Structure: noun + past participle phrase

Correctly placed. No interchange needed.

childcare (B)

English Meaning: Care provided to children, especially while parents are working

Hindi Meaning: बाल देखभाल

Example: The government improved rural childcare facilities.

Position Analysis:

"Rural childcare centres" — correct compound noun structure.

Properly placed. No change required.

almost (C)

English Meaning: Nearly; not completely

Hindi Meaning: लगभग

Example: The work is almost finished.

Position Analysis (Original):

"...that the almost of obese or overweight children was percentage the same."

This is grammatically incorrect because "almost" cannot function as a noun before "of."

After interchange:

"...was almost the same."

Now "almost" correctly modifies "the same."

percentage (D)

English Meaning: A rate or proportion expressed as a fraction of 100

Hindi Meaning: प्रतिशत

Example: The percentage of students who passed increased.

Position Analysis (Original):

"...was percentage the same."

Incorrect because "percentage" is a noun and cannot modify "the same" in this way.

After interchange:

"The percentage of obese or overweight children..."

Correct noun usage followed by "of."

Why Only (C)-(D) is Correct

Original incorrect structure:

"the almost of obese... was percentage the same"

After interchange:

"the percentage of obese... was almost the same"

Correct structure:

Article + noun + of + noun + was + adverb + complement

No other highlighted words require change.

Final Answer:

Option A — C-D

Q.79 A bomb cyclone is a rapidly(A) intensifying storm system, disrupt (B) heavy snow, freezing (C) temperatures, and strong winds that bringing (D) daily life.

In the question below four words are given in bold. These four words are may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- A. A-C & B-D
- B. B-D
- C. A-B
- D. C-D
- E. No interchange required

Answer: B

Sol:

The correct answer is (b) B-D.

Explanation:

· **Given sentence:** A bomb cyclone is a rapidly (A) intensifying storm system, disrupt (B) heavy snow, freezing (C) temperatures, and strong winds that bringing (D) daily life.

Step 1: Identify mismatched words:

1. "Disrupt (B)" is incorrectly placed, as it should be in its continuous tense "bringing (D)" to describe the ongoing action caused by the storm system.

2. "Bringing (D)" should replace "disrupt (B)" to correctly refer to the disruption caused by snow, temperatures, and winds.

Step 2: Swap B and D:

· After swapping:

· "A bomb cyclone is a rapidly intensifying storm system, bringing (D) heavy snow, freezing temperatures, and strong winds that disrupt (B) daily life."

Step 3: Verify correctness:

· The sentence now makes sense grammatically and contextually.

Final Correct Sentence:

"A bomb cyclone is a rapidly intensifying storm system, bringing heavy snow, freezing temperatures, and strong winds that disrupt daily life."

Meanings of the highlighted words in both English and Hindi:

1. Rapidly (A):

· English: Quickly or with great speed.

· Hindi: तेज़ी से (Tezi Se) – बहुत अधिक गति से।

2. Disrupt (B):

· English: To interrupt or cause a disturbance to something.

· Hindi: बाधा डालना (Badha Daalna) – रुकावट पैदा करना।

3. Freezing (C):

· English: Extremely cold; at or below the temperature at which water turns to ice.

· Hindi: अत्यधिक ठंडा (Atyadhik Thanda) – पानी को बर्फ में बदलने वाले तापमान पर या उससे नीचे।

4. Bringing (D):

· English: Carrying or causing something to happen or exist.

· Hindi: लाना (Lana) – कुछ होने या अस्तित्व में आने का कारण बनाना।

Thus, the correct answer is (b) B-D.

Q.80 RNA editing opening (A) precise modifications to genetic material, enables (B) new possibilities for treating genetic disorders(C) and enhancing(D) biological research.

In the question below four words are given in bold. These four words are may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- A. B-C
- B. A-C & B-D
- C. A-B & C-D
- D. A-B
- E. No interchange required

Answer: D

Sol:

The correct answer is (d) A-B.

Explanation:

· **Given sentence:** RNA editing opening (A) precise modifications to genetic material, enables (B) new possibilities for treating genetic disorders (C) and enhancing (D) biological research.

· **Analyzing the sentence:**

· The word "opening" (A) is incorrectly placed; it does not fit well at the start of the sentence.

· Replacing "opening" (A) with "enables" (B) makes the sentence contextually and grammatically correct:

· "RNA editing enables precise modifications to genetic material, opening new possibilities for treating genetic disorders and enhancing biological research."

· The rest of the sentence flows smoothly without additional replacements.

Final Sentence After Replacement:

"RNA editing enables (A) precise modifications to genetic material, opening (B) new possibilities for treating genetic disorders and enhancing biological research."

Thus, the correct answer is (d) A-B.

Meanings of the highlighted words in both English and Hindi:

1. Opening (A)

· English: Creating or making something available or possible.

· Hindi: खोलना / आरंभ करना (Kholna / Aarambh Karna) – किसी चीज़ को शुरू करना या संभव बनाना।

2. Enables (B)

· English: Makes something possible or gives someone the ability to do something.

· Hindi: सक्षम बनाना (Saksham Banana) – किसी चीज़ को संभव बनाना।

3. Disorders (C)

· English: Conditions or illnesses that disrupt normal physical or mental functioning.

· Hindi: विकार (Vikaar) – ऐसी स्थिति जो सामान्य शारीरिक या मानसिक कार्यों में बाधा डालती है।

4. Enhancing (D)

· English: Improving the quality, value, or extent of something.

· Hindi: सुधार करना (Sudhaar Karna) – गुणवत्ता, मूल्य, या सीमा में वृद्धि करना।

Q.81 Black holes are regions (A) in space (B) where the gravitational pull is so strong (C) that nothing, not even light, can escape (D) from them.

In the question below four words are given in bold. These four words may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- A. A-D & B-C
- B. A-B & C-D
- C. B-D
- D. A-C
- E. No interchange required

Answer: E

Sol: Correct Answer:

(e) No interchange required

Explanation:

The sentence is already grammatically correct and contextually coherent. It accurately describes black holes with all the bold words appropriately placed. There is no need to interchange any of the words.

Word Meanings:

1. **Regions (क्षेत्र):**

- **English:** Areas or parts of space, land, or a surface with specific characteristics.
- **Hindi:** कोई विशेष स्थान या क्षेत्र।

2. **Space (अंतरिक्ष):**

- **English:** The vast, empty expanse beyond Earth's atmosphere where celestial objects are located.
- **Hindi:** पृथ्वी के वायुमंडल के बाहर का विशाल क्षेत्र।

3. **Strong (मजबूत, ताकतवर):**

- **English:** Having great power or force; intense or powerful.
- **Hindi:** अत्यधिक ताकत या शक्ति वाला।

4. **Escape (बच निकलना):**

- **English:** To get free from confinement or restriction.
- **Hindi:** किसी स्थिति या स्थान से बचकर निकलना।

Sentence Analysis:

· **"Black holes are regions in space":**

· Correctly introduces the subject, describing black holes as areas in space.

· **"Where the gravitational pull is so strong":**

· "Strong" is correctly used to emphasize the intense gravitational force of black holes.

· **"That nothing, not even light, can escape from them":**

· Properly describes the defining characteristic of black holes.

Final Answer:

(e) No interchange required because the sentence is already accurate and logical.

Q.82 The understanding (A) of relativity, revolutionized (B) by Albert Einstein, proposed (C) our theory (D) of space and time.

In the question below four words are given in bold. These four words may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- A. A-B
- B. C-D
- C. A-D & B-C
- D. B-D & A-C
- E. No interchange required

Answer: C

Sol: Correct Answer:

(c) A-D & B-C

Explanation:

The given sentence is incorrect as written because the bold words are misplaced. After swapping **A-D** and **B-C**, the corrected sentence becomes:

"The theory of relativity, proposed by Albert Einstein, revolutionized our understanding of space and time."

Word Swaps:

1. Swap **A ("understanding")** with **D ("theory")**:

- "The theory of relativity" is the correct phrase describing Einstein's groundbreaking work.
- "Understanding of space and time" makes contextual sense in this position.

2. Swap **B ("revolutionized")** with **C ("proposed")**:

- "Proposed by Albert Einstein" describes who introduced the theory.
- "Revolutionized our understanding" correctly conveys the transformative impact.

Word Meanings:

1. **Understanding (समझ):**

- **English:** Knowledge or perception of something.
- **Hindi:** किसी चीज़ की जानकारी या धारणा।

2. **Revolutionized (क्रांतिकारी बदलाव लाना):**

· **English:** To bring about a dramatic or fundamental change.

· **Hindi:** किसी चीज़ में बड़ा या मूलभूत परिवर्तन करना।

3. **Proposed (प्रस्तावित):**

· **English:** To suggest or put forward an idea for consideration.

· **Hindi:** विचार या स्वीकृति के लिए कोई विचार पेश करना।

4. **Theory (सिद्धांत):**

· **English:** A system of ideas intended to explain something.

· **Hindi:** किसी चीज़ को समझाने के लिए विचारों का एक तंत्र।

Final Answer:

(c) A-D & B-C ensures the sentence is grammatically and contextually correct.

Q.83 Eminently

(A) The professor was eminently qualified to teach the advanced course, with a wealth of knowledge and years of research experience.

(B) With his eminently charismatic personality, the politician easily connected with voters during the campaign.

(C) The company eminently implemented a series of changes to improve its workflow and efficiency.

In the question below, a word is given and using that word three sentences are provided. Choose the sentence(s) that has/have the correct usage of the given word.

- A. only (B)
- B. both (A) & (B)
- C. only (A)
- D. both (B) & (C)
- E. All of the above

Answer: B

Sol: The correct sentences, to use the given word correctly, are (A) & (B).

The term "**eminently**" to a great degree, as in extremely.

The sentence (A) uses "eminently" correctly. It describes the professor's high level of qualification with a wealth of knowledge and research experience, indicating an exceptional degree of qualification.

The sentence (B) also uses "eminently" correctly. It describes the politician's highly charismatic personality, indicating an outstanding or exceptional level of charisma.

The sentence (C) is incorrect. "Eminently" is not suitable in this context. A more suitable word in this context might be "effectively" or "successfully."

Q.84 DENTED

(I) He dented his homework because he was too busy.

(II) She accidentally dropped the thermos, and it landed with a thud, leaving it dented on one side.

(III) After the minor car accident, the front bumper was badly dented.

In the question below, one word is given in bold and correspondence to that, three sentences are given each containing that word. Choose the option depicts the sentence(s) that have/ has the correct usage of the word.

- A. Only (I)
- B. Only (II)
- C. Only (III)
- D. Both (I) and (II)
- E. Both (II) and (III)

Answer: E

Sol: Correct Answer: (e) Both (II) and (III)

Explanation of the word "DENTED":

· **Meaning (English):** To make a hollow or depression on the surface of something due to impact or pressure.

· **Meaning (Hindi):** किसी वस्तु की सतह पर दबाव या टक्कर से गड्ढा या निशान बना देना।

Evaluation of Sentences:

1. (I) He dented his homework because he was too busy.

· **Incorrect:** The word "dented" is used improperly here. Homework cannot be "dented" because it is not a physical object capable of being damaged in this manner.

2. (II) She accidentally dropped the thermos, and it landed with a thud, leaving it dented on one side.

· **Correct:** The thermos is a physical object that can be "dented" due to impact.

3. (III) After the minor car accident, the front bumper was badly dented.

· **Correct:** The front bumper is a physical object that can be "dented" due to the accident.

Summary:

Sentences (II) and (III) use the word "dented" correctly in the context of physical damage to an object. Thus, **option (e)** is the correct choice.

Q.85 Bite your tongue

- (A) I wanted to tell him exactly what I thought of his rude behavior, but I decided to **bite my tongue** instead.
 (B) She was so angry during the meeting, but she **bit her tongue** and chose not to say anything that might escalate the situation.
 (C) He accidentally **bit his tongue** while eating dinner and had to take a break from eating. **In the provided questions, an idiom is presented, followed by three statements. Identify the statements that correctly use the given idiom.**

- A. Only A
 B. Both A & B
 C. Both B & C
 D. Only C
 E. Both A & C

Answer: B

Sol: Correct Answer: B — Both A & B

Meaning of the Idiom: "Bite your tongue"

English Meaning: To stop yourself from saying something, especially something angry or inappropriate.

Hindi Meaning: अपनी बात रोक लेना; कुछ कहने से स्वयं को रोकना

Example: I had to bite my tongue to avoid arguing with him.

Statement-wise Analysis**(A)**

I wanted to tell him exactly what I thought of his rude behavior, but I decided to bite my tongue instead.

Analysis:

Correct usage.

The speaker restrained themselves from speaking harshly. This matches the idiom's meaning.

(B)

She was so angry during the meeting, but she bit her tongue and chose not to say anything that might escalate the situation.

Analysis:

Correct usage.

She controlled herself and avoided speaking out of anger. Proper idiomatic use.

(C)

He accidentally bit his tongue while eating dinner and had to take a break from eating.

Analysis:

Incorrect usage.

This is the literal meaning of biting one's tongue, not the idiomatic meaning.

Final Answer:

B — Both A & B

Q.86 An iron hand

- (A) The king governed his kingdom with **an iron hand**, leaving no tolerance for rebellion or dissent.
 (B) The mother raised her children with **an iron hand**, imposing strict rules and ensuring they followed them.
 (C) The culinarian prepared the meal **with an iron hand**, paying attention to every fine detail of the recipe.

In the provided questions, an idiom is presented, followed by three statements. Identify the statements that correctly use the given idiom.

- A. Both A & B
 B. Only C

- C. Both B & C
- D. Only B
- E. Both A & C

Answer: A

Sol: Correct Answer: A — Both A & B

Meaning of the Idiom: "An iron hand"

English Meaning: To rule or control strictly and firmly, often with harsh authority.

Hindi Meaning: कठोर नियंत्रण या सख्त शासन करना

Example: The dictator ruled the country with an iron hand.

Statement-wise Analysis

(A)

The king governed his kingdom with an iron hand, leaving no tolerance for rebellion or dissent.

Analysis:

Correct usage.

A ruler exercising strict control perfectly matches the meaning of the idiom.

(B)

The mother raised her children with an iron hand, imposing strict rules and ensuring they followed them.

Analysis:

Correct usage.

Strict parenting aligns with the meaning of ruling or controlling firmly.

(C)

The culinarian prepared the meal with an iron hand, paying attention to every fine detail of the recipe.

Analysis:

Incorrect usage.

"An iron hand" refers to strict authority, not precision or carefulness in cooking. The context does not involve control or harsh discipline.

Final Answer:

A — Both A & B

Q.87 Brain cancer, particularly Glioblastoma, (A)/ requires a single-step treatment approach, (B)/ including surgery, (C)/ radiation and chemotherapy. (D) Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No Error' as the answer response. (Ignore errors of punctuation, if any).

- A. A
- B. B
- C. C
- D. D
- E. No Error

Answer: B

Sol:

Error in Part (B): "requires a single-step treatment approach"

Grammatical Rule Violated:

◆◆ Incorrect Use of "Single-Step" When Multiple Treatments Are Mentioned

· Rule: If multiple treatments are required (surgery, radiation, and chemotherapy), the phrase "single-step treatment approach" is incorrect because the treatment consists of multiple steps.

· Error: "requires a single-step treatment approach" ✗

· Correct Form: "requires a multi-step treatment approach" ✓

Corrected Sentence:

✓ "Brain cancer, particularly Glioblastoma, requires a multi-step treatment approach, including surgery, radiation, and chemotherapy."

Final Answer:

✓ (b) B is incorrect because "single-step" should be changed to "multi-step" to reflect the multiple treatment methods mentioned.

Q.88 A proactive study and analysis of financial (A)/ statements and related-party transactions (B)/ can assist the government in detecting (C)/ potential money laundering activities. (D)

Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No Error' as the answer response. (Ignore errors of punctuation, if any).

- A. A
- B. B
- C. C
- D. D
- E. No Error

Answer: E

Sol: Correct Answer: E (No Error)

Explanation:

Let us examine each part of the sentence:

(A) A proactive study and analysis of financial

Correct — "study and analysis" is a valid compound subject.

(B) statements and related-party transactions

Correct — both elements are logically and grammatically connected.

(C) can assist the government in detecting

Correct — "assist someone in doing something" is the correct structure.

(D) potential money laundering activities

Correct — appropriate and meaningful phrase.

Grammar Note:

- The structure **"assist in + verb (-ing form)"** is grammatically correct.
- The sentence is clear, logical, and idiomatically sound.

Conclusion:

There is **no grammatical or idiomatic error** in the sentence.

So the correct answer is (E).

Q.89

The Republic Day parade will (A)/ feature the tactical ballistic (B)/ missile Pralay and the long-range (C)/ Pinaka rocket system. (D)

Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any).

- A. A
- B. B
- C. C
- D. D
- E. No error

Answer: E

Sol:

Correct Answer: (e) No error

Explanation:

- (A) "The Republic Day parade will" → Correct.
- "Will" is correctly used for the future tense, indicating a planned event.
- (B) "feature the tactical ballistic" → Correct.
- "Feature" is correctly used to indicate what will be showcased in the parade.
- "Tactical ballistic" is a proper description for a type of missile.
- (C) "missile Pralay and the long-range" → Correct.
- The phrase correctly introduces the missile Pralay.
- (D) "Pinaka rocket system." → Correct.
- "Pinaka rocket system" is correctly used as a noun phrase.

Final Answer:

(e) No error

Q.90

Mont Blanc, the highest (A)/ peak in France, rise majestically (B)/ as part of the magnificent Alps (C)/ mountain range. (D)

Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any).

- A. A
- B. B
- C. C
- D. D
- E. No error

Answer: B

Sol:

Correct Answer: (b) B

Original Sentence:

Mont Blanc, the highest (A)/ peak in France, rise majestically (B)/ as part of the magnificent Alps (C)/ mountain range. (D)

Error Analysis:

The error lies in part (B): "rise majestically."

Explanation:

1. Subject-Verb Agreement:

- The subject "Mont Blanc" is singular, referring to a specific mountain.
- The verb "rise" is in the plural form, which is incorrect for a singular subject.
- The verb must be changed to its singular form "rises" to ensure agreement with the singular subject.

2. Why "Rises" is Correct:

- "Rises" is the correct singular form of the verb and properly aligns with the subject "Mont Blanc."
- It conveys the intended meaning that Mont Blanc majestically ascends as part of the Alps.

Grammatical Rule:

- **Subject-Verb Agreement:** A singular subject must be followed by a singular verb to maintain grammatical correctness.

Corrected Sentence:

"Mont Blanc, the highest peak in France, rises majestically as part of the magnificent Alps mountain range."

Q.91

A living drug refers to (A)/ a treatment where a patient's (B)/ cells are extracted, altered, and then (C)/reintroduced into there body. (D)

Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any).

- A. A
- B. B
- C. C
- D. D
- E. No error

Answer: D

Sol: Correct Answer: (d) D

Original Sentence:

A living drug refers to (A)/ a treatment where a patient's (B)/ cells are extracted, altered, and then (C)/ reintroduced into there body. (D)

Error Analysis:

The error lies in part (D): "there body."

Explanation:**1. Incorrect Usage of "There":**

- The word "there" refers to a place or location (e.g., "over there").
- In this context, the possessive pronoun "their" is required to indicate ownership of the body.

2. Why "Their" is Correct:

- "Their" is the possessive pronoun that correctly shows the body belongs to the patient.
- Example: "Their house" indicates ownership of the house by the subject.

Grammatical Rule:

- **Possessive Pronouns:** Use possessive pronouns like "their" to show ownership or possession.

Corrected Sentence:

"A living drug refers to a treatment where a patient's cells are extracted, altered, and then reintroduced into their body."

Q.92

(I) She enrolled in a language course

(II) Improve her communication skills before traveling abroad

In the questions given below two sentences are given which are grammatically correct and meaningful. Connect them by the word given below the statements in the best possible way without changing the intended meaning. Choose your answer accordingly from the options to form a correct, coherent sentence.

- A. rather
- B. at first
- C. in order to
- D. afterwards
- E. later

Answer: C

Sol:

To connect the two given sentences in a coherent and meaningful way, let's analyze the options:

(I) She enrolled in a language course. (II) Improve her communication skills before traveling abroad.

The word provided to connect these two should clearly indicate the purpose of enrolling in the course.

Option (a) rather

Meaning: "Rather" means "instead" or "more willingly." (हिंदी: बल्कि)

- **Incorrect** because "rather" suggests a preference or an alternative, which doesn't fit the context of enrolling in a course to improve skills.

Option (b) at first

Meaning: "At first" means "in the beginning." (हिंदी: सबसे पहले)

- **Incorrect** because it refers to something that happens initially but doesn't explain the purpose of enrolling in the course.

Option (c) in order to

Meaning: "In order to" means "for the purpose of." (हिंदी: के उद्देश्य से)

- **Correct** because it clearly expresses that she enrolled in the course with the purpose of improving her communication skills before traveling abroad.

Option (d) afterwards

Meaning: "Afterwards" means "later or after something else." (हिंदी: बाद में)

- **Incorrect** because it suggests something happens after another event but does not explain the purpose of the course.

Option (e) later

Meaning: "Later" means "at a time in the future." (हिंदी: बाद में)

- **Incorrect** because it talks about a future time but doesn't explain the reason behind enrolling in the course.

Correct Sentence:

She enrolled in a language course in order to improve her communication skills before traveling abroad.

Thus, the correct answer is (c) in order to.

Q.93

(I) Some people prefer a quiet evening at home

(II) Others enjoy going out to socialize with friends

In the questions given below two sentences are given which are grammatically correct and meaningful. Connect them by the word given below the statements in the best possible way without changing the intended meaning. Choose your answer accordingly from the options to form a correct, coherent sentence.

- A. because
- B. whereas
- C. equally
- D. therefore
- E. like

Answer: B

Sol:

Let's analyze the options to correctly connect the two sentences:

(I) Some people prefer a quiet evening at home. (II) Others enjoy going out to socialize with friends.

The word that connects these two sentences should contrast the preferences of two groups of people.

Option (a) because

Meaning: "Because" means "for the reason that" or "due to." (हिंदी: क्योंकि)

· Incorrect because "because" would suggest a reason or cause, which does not fit the contrast between the two preferences.

Option (b) whereas

Meaning: "Whereas" means "while on the contrary" or "in contrast." (हिंदी: जबकि)

· Correct because "whereas" is used to contrast two different situations or ideas, which is the relationship between preferring a quiet evening at home and enjoying going out to socialize.

Option (c) equally

Meaning: "Equally" means "in the same manner or to the same degree." (हिंदी: समान रूप से)

· Incorrect because "equally" suggests similarity, but the two activities (quiet evening at home and going out to socialize) are contrasting, not similar.

Option (d) therefore

Meaning: "Therefore" means "as a result" or "for that reason." (हिंदी: इसलिए)

· Incorrect because "therefore" implies a cause-effect relationship, which doesn't apply here.

Option (e) like

Meaning: "Like" means "similar to" or "the same as." (हिंदी: जैसे)

· Incorrect because "like" suggests similarity, whereas the two activities are contrasting.

Correct Sentence:

Some people prefer a quiet evening at home, whereas others enjoy going out to socialize with friends.

Thus, the correct answer is (b) whereas.

Q.94

(I) The winter months are often harsh and cold,

(II) The mild and pleasant summers that follow

In the questions given below two sentences are given which are grammatically correct and meaningful. Connect them by the word given below the statements in the best possible way without changing the intended meaning. Choose your answer accordingly from the options to form a correct, coherent sentence.

- A. provided that
- B. because
- C. like
- D. talking of
- E. in contrast to

Answer: E

Sol:

Let's analyze the options to correctly connect the two sentences:

(I) The winter months are often harsh and cold. (II) The mild and pleasant summers that follow.

The word connecting these sentences should highlight the contrast between the harsh winters and the mild summers.

Option (a) provided that

Meaning: "Provided that" means "on the condition that." (हिंदी: बशर्ते कि)

· Incorrect because "provided that" introduces a condition, which doesn't fit the contrast between winter and summer.

Option (b) because

Meaning: "Because" means "for the reason that." (हिंदी: क्योंकि)

· Incorrect because "because" implies a reason, but we are looking to contrast the two seasons, not explain why one follows the other.

Option (c) like

Meaning: "Like" means "similar to." (हिंदी: जैसे)

· Incorrect because "like" would imply similarity, but the two seasons are contrasting in nature (harsh winter vs. pleasant summer).

Option (d) talking of

Meaning: "Talking of" means "speaking about" or "mentioning." (हिंदी: की बात करें तो)

· Incorrect because this phrase doesn't create the appropriate contrast between the two seasons. It introduces a new topic rather than comparing or contrasting.

Option (e) in contrast to

Meaning: "In contrast to" means "compared to and showing a difference." (हिंदी: के विपरीत)

· Correct because this option effectively highlights the difference between the harsh winter and the mild summer that follows.

Correct Sentence:

The winter months are often harsh and cold, in contrast to the mild and pleasant summers that follow.

Thus, the correct answer is (e) in contrast to.

Q.95

The teacher's _____ style of teaching made the subject enjoyable and engaging.

In each of the questions given below, a statement has been given with a blank. Each sentence is followed by five options, one of which can be appropriately substituted with the blank to complete the sentence, and should be marked as the choice of answer.

- A. pedantic

- B. elusive
- C. dynamic
- D. redundant
- E. enigmatic

Answer: C

Sol: Let's evaluate the options for understanding the answer.

Option (a), "pedantic," means overly concerned with minor details or rules. This word doesn't fit well in the given context. The sentence suggests that the teacher's teaching style made the subject enjoyable and engaging, implying a positive and effective approach rather than being overly focused on minor details.

Option (b), "elusive," means difficult to find or understand. This word doesn't accurately capture the intended meaning of the sentence. The sentence suggests that the teacher's teaching style made the subject enjoyable and engaging, implying that it was accessible and easy to comprehend rather than difficult or elusive.

Option (c), "dynamic," means lively, energetic, or characterized by constant change. This word is the most appropriate choice for completing the sentence. It indicates that the teacher's teaching style was engaging, interactive, and involving, making the subject enjoyable and lively for the students.

Option (d), "redundant," means unnecessary or repetitive. This word doesn't fit well in the given context. The sentence implies that the teacher's teaching style was effective in making the subject enjoyable and engaging, suggesting that it was not redundant or repetitive.

Option (e), "enigmatic," means mysterious or difficult to understand. This word doesn't accurately convey the intended meaning of the sentence. The sentence suggests that the teacher's teaching style made the subject enjoyable and engaging, implying that it was clear and understandable rather than enigmatic.

Considering the context and the need to describe a teaching style that made the subject enjoyable and engaging, the best choice to complete the sentence is option (c), "dynamic."

Therefore, the completed sentence would be:

"The teacher's dynamic style of teaching made the subject enjoyable and engaging."

This indicates that the teacher's lively and interactive approach to teaching made the subject interesting and captivating for the students.

Q.96

The book offers valuable insights into the _____ of human behaviour.

In each of the questions given below, a statement has been given with a blank. Each sentence is followed by five options, one of which can be appropriately substituted with the blank to complete the sentence, and should be marked as the choice of answer.

- A. predictability
- B. fragility
- C. complexity
- D. conformity
- E. rigidity

Answer: C

Sol: Let's consider the options for understanding the answer.

Option (a), "predictability," means the state of being able to be predicted or anticipated. This word doesn't fit well in the given context. The sentence suggests that the book provides insights into the intricacies or complexities of human behaviour, rather than emphasizing its predictability.

Option (b), "fragility," means the quality of being delicate or easily broken or damaged. This word doesn't accurately capture the intended meaning of the sentence. The sentence implies that the book provides valuable insights into the complex nature of human behaviour, rather than focusing on its fragility.

Option (c), "complexity," means the state or quality of being intricate, intricate, or involved. This word is the most appropriate choice for completing the sentence. It indicates that the book offers valuable insights into the intricate and multifaceted aspects of human behaviour.

Option (d), "conformity," means compliance with standards, rules, or expectations. This word doesn't fit well in the given context. The sentence suggests that the book delves into the complexities of human behaviour, rather than focusing on conformity or adherence to norms.

Option (e), "rigidity," means the state or quality of being stiff, inflexible, or unyielding. This word doesn't accurately convey the intended meaning of the sentence. The

sentence implies that the book provides insights into the complex and nuanced nature of human behaviour, rather than highlighting its rigidity.

Considering the context and the need to describe the valuable insights provided by the book into the complexity of human behaviour, the best choice to complete the sentence is option (c), "complexity."

Therefore, the completed sentence would be:

"The book offers valuable insights into the complexity of human behaviour."

This indicates that the book provides a deep understanding of the intricate and multifaceted aspects of human behaviour.

Q.97 The manager was unable to attend the meeting despite unforeseen circumstances.

Choose the phrase from the options (a), (b), (c) and (d) given below the sentence which can replace the phrase printed in bold letters to make the sentence grammatically correct. If the sentence is correct as it is, mark option "No correction required" as the answer.

- A. meeting due to unforeseen
- B. meeting regardless of unforeseen
- C. meeting despite any unforeseen
- D. meeting in spite of unforeseen

E. No correction required

Answer: A

Sol: The phrase given by option (a), “meeting due to unforeseen” makes the sentence grammatically correct. It conveys that the manager was unable to attend the meeting because of unforeseen circumstances. This phrase is commonly used to indicate that something could not be done due to unexpected events or circumstances.

The original phrase, “meeting despite unforeseen”, and the phrase given by option (d), “meeting in spite of unforeseen” cannot be used in this context, as “despite” and “in spite of” are used to contrast two ideas, which is not the case here.

Option (c) “meeting despite any unforeseen” is not correct either as it does not correct the error in the sentence, with the addition of “any” being irrelevant to the context anyway.

Option (b) “meeting regardless of unforeseen” means that the meeting would have taken place regardless of the occurrence of the unexpected events, which is not the intended meaning of the sentence.

Therefore, the correct form of the sentence is: “The manager was unable to attend the meeting due to unforeseen circumstances.”

Q.98 The military is struggling to contain violence that will overrun parts of the country.

Choose the phrase from the options (a), (b), (c) and (d) given below the sentence which can replace the phrase printed in bold letters to make the sentence grammatically correct. If the sentence is correct as it is, mark option “No correction required” as the answer.

- A. that had overrun parts of the country
- B. that will overrun parts by the country
- C. that has overrun parts by the country
- D. that has overrun parts of the country
- E. No correction required

Answer: D

Sol: The original sentence is erroneous because it uses the future tense “will overrun” instead of the present perfect tense “has overrun”. The sentence implies that the violence is about to happen in the future, but the use of “will” is incorrect in this context because the sentence is describing a situation that has already occurred in the past.

The phrase “that has overrun parts of the country” is in the present perfect tense and is the most appropriate phrase to use in this context. It implies that the violence has already occurred and some parts of the country have been affected by it.

Therefore, the correct form of the sentence is: “The military is struggling to contain violence that has overrun parts of the country.”

Option (a) “that had overrun parts of the country” is in the past perfect tense, which does not fit with the rest of the sentence that is in the present tense.

Option (b) “that will overrun parts by the country” is incorrect because “by” is not the correct preposition to use in this context.

Option (c) “that has overrun parts by the country” is grammatically incorrect and does not make sense in this context.

Q.99 His **flagrant disregard** for the rules led to a **suspension** from the team and a **warning** from the coach.

In each question, four words are highlighted. One out of four words may or may not be misspelled. Choose the misspelled word, if any, as your answer.

- A. flagrent
- B. disregard
- C. suspension
- D. warning
- E. All are correct

Answer: A

Sol: Explanation:

The misspelled word is “**flagrent**”.

Correct spelling:

flagrant

Meaning:

Flagrant = obviously wrong or offensive

Hindi meaning: स्पष्ट रूप से गलत / घोर

Example:

- His **flagrant** violation of the rules resulted in strict punishment.
(उसका नियमों का घोर उल्लंघन सख्त सज़ा का कारण बना।)

- **Flagrant:** Shockingly noticeable or evident; obvious; glaring.
- **Disregard:** The action or state of disregarding or ignoring something.
- **Suspension:** The action of suspending someone or something or the condition of being suspended.
- **Warning:** A statement or event that indicates a possible or impending danger, problem, or other unpleasant situation.

Q.100 Staring at the third little pig **greedily**, the wolf couldn't wait to have another **porke** chop for **supper**.

In each of the following sentences, four words have been highlighted which may or may not be misspelt or inappropriate in their usage. Mark the erroneous word as your answer and if you think that all the words are correct in their spellings and usage, choose 'No Error' as your answer.

- A. staring
- B. greedily
- C. porke
- D. supper
- E. No error

Answer: C

Sol: Check each highlighted word

staring

Meaning: looking fixedly

Hindi: घूरना

Usage here: correct (wolf is looking at the pig)

No error

greedily

Meaning: in an eager or selfish way

Hindi: लालच से

Usage here: correct (wolf wants to eat)

No error

porke

This is incorrect spelling.

Correct word: pork

Meaning: meat of a pig

Hindi: सूअर का मांस

Example: He ordered a pork chop for dinner.

Why wrong:

"porke chop" is not a valid English phrase; correct is "pork chop"

supper

Meaning: evening meal

Hindi: रात का खाना

Usage here: correct

No error

Final answer

C (porke)

Corrected sentence

Staring at the third little pig greedily, the wolf couldn't wait to have another pork chop for supper.

Q.101 If products Z sold by C is 66.67% more than the products Y sold by him, then products Z sold by C is what percent of product Y sold by B.

The paragraph given below shows the information about the two type of products (X and Y) sold by four (A, B, C and D) different sellers.

Total products sold by all the sellers are 1600. Total products sold by A are 350 in which product Y sold is 225. Seller B sold equal number of products X & Y. Ratio of products X sold by A, C and D is 5:8:6 respectively. Number of products Y sold by C & D are equal. Ratio of total products sold by C to D is 10:9.

- A. 333.33%
- B. 225%
- C. 140%
- D. 380.33%
- E. 120%

Answer: A

Sol: For A,

Total products sold = 350

Product Y sold = 225

Products X sold = 350-225 = 125

For B,

Product X sold = a

Products Y sold = a

Total products sold = 2a

For C,

Products X sold = $\frac{125}{5} \times 8 = 200$

Products Y sold = b

For D,

Products X sold = $\frac{125}{5} \times 6 = 150$

Products Y sold = b

ATQ,

$$\frac{200 + b}{150 + b} = \frac{10}{9}$$

$$1800 + 9b = 1500 + 10b$$

$$b = 300$$

Total products sold by all = 1600

$$350 + 2a + 200 + b + 150 + b = 1600$$

$$2a = 1600 - 1300$$

$$a = 150$$

Sellers	Product X sold	Products Y sold	Total
A	125	225	350
B	150	150	300
C	200	300	500
D	150	300	450
Total	625	975	1600

Products Z sold by C =

$$\frac{5}{3} \times 300 = 500$$

Required percentage =

$$\frac{500}{150} \times 100 = 333.33\%$$

Q.102 If cost of each product X and Y are Rs 180 and Rs 120 respectively, then find the total revenue made by seller D.

The paragraph given below shows the information about the two type of products (X and Y) sold by four (A, B, C and D) different sellers.

Total products sold by all the sellers are 1600. Total products sold by A are 350 in which product Y sold is 225. Seller B sold equal number of

products X & Y. Ratio of products X sold by A, C and D is 5:8:6 respectively. Number of products Y sold by C & D are equal. Ratio of total products sold by C to D is 10:9.

- A. Rs 32,000
- B. Rs 35,000
- C. Rs 43,000
- D. Rs 63,000
- E. Rs 55,000

Answer: D

Sol: For A,

Total products sold = 350

Product Y sold = 225

Products X sold = 350 - 225 = 125

For B,

Product X sold = a

Products Y sold = a

Total products sold = 2a

For C,

Products X sold = $\frac{125}{5} \times 8 = 200$

Products Y sold = b

For D,

Products X sold = $\frac{125}{5} \times 6 = 150$

Products Y sold = b

ATQ,

$$\frac{200 + b}{150 + b} = \frac{10}{9}$$

$$1800 + 9b = 1500 + 10b$$

$$b = 300$$

Total products sold by all = 1600

$$350 + 2a + 200 + b + 150 + b = 1600$$

$$2a = 1600 - 1300$$

$$a = 150$$

Sellers	Product X sold	Products Y sold	Total
A	125	225	350
B	150	150	300
C	200	300	500
D	150	300	450
Total	625	975	1600

$$\begin{aligned} \text{Required revenue} &= 180 \times 150 + 120 \times 300 \\ &= 27,000 + 36,000 = \text{Rs } 63,000 \end{aligned}$$

Q.103 The number of products Y sold by D is what percent more or less than product X sold by A.

The paragraph given below shows the information about the two type of products (X and Y) sold by four (A, B, C and D) different sellers.

Total products sold by all the sellers are 1600. Total products sold by A are 350 in which product Y sold is 225. Seller B sold equal number of products X & Y. Ratio of products X sold by A, C and D is 5:8:6 respectively. Number of products Y sold by C & D are equal. Ratio of total products sold by C to D is 10:9.

- A. 110%
- B. 140%
- C. 106%
- D. 150%
- E. 115%

Answer: B

Sol:

For A,

Total products sold = 350

Product Y sold = 225

Products X sold = 350 - 225 = 125

For B,

Product X sold = a

Products Y sold = a

Total products sold = 2a

For C,

$$\text{Products X sold} = \frac{125}{5} \times 8 = 2000$$

$$\text{Products Y sold} = b$$

For D,

$$\text{Products X sold} = \frac{125}{5} \times 6 = 150$$

$$\text{Products Y sold} = b$$

ATQ,

$$\frac{200 + b}{150 + b} = \frac{10}{9}$$

$$1800 + 9b = 1500 + 10b$$

$$b = 300$$

Total products sold by all = 1600

$$350 + 2a + 200 + b + 150 + b = 1600$$

$$2a = 1600 - 1300$$

$$a = 150$$

Sellers	Product X sold	Products Y sold	Total
A	125	225	350
B	150	150	300
C	200	300	500
D	150	300	450
Total	625	975	1600

Required percentage =

$$\frac{(300-125)}{125} \times 100 = 140\%$$

Q.104 Find the average number of products Y sold by A, C and D.

The paragraph given below shows the information about the two type of products (X and Y) sold by four (A, B, C and D) different sellers.

Total products sold by all the sellers are 1600. Total products sold by A are 350 in which product Y sold is 225. Seller B sold equal number of products X & Y. Ratio of products X sold by A, C and D is 5:8:6 respectively. Number of products Y sold by C & D are equal. Ratio of total products sold by C to D is 10:9.

- A. 290
- B. 202
- C. 216
- D. 275
- E. 224

Answer: D

Sol: For A,

$$\text{Total products sold} = 350$$

$$\text{Product Y sold} = 225$$

$$\text{Products X sold} = 350 - 225 = 125$$

For B,

$$\text{Product X sold} = a$$

$$\text{Products Y sold} = a$$

$$\text{Total products sold} = 2a$$

For C,

$$\text{Products X sold} = \frac{125}{5} \times 8 = 200$$

$$\text{Products Y sold} = b$$

For D,

$$\text{Products X sold} = \frac{125}{5} \times 6 = 150$$

$$\text{Products Y sold} = b$$

ATQ,

$$\frac{200 + b}{150 + b} = \frac{10}{9}$$

$$1800 + 9b = 1500 + 10b$$

$$b = 300$$

Total products sold by all = 1600

$$350 + 2a + 200 + b + 150 + b = 1600$$

$$2a = 1600 - 1300$$

$$a = 150$$

Sellers	Product X sold	Products Y sold	Total
A	125	225	350
B	150	150	300
C	200	300	500
D	150	300	450
Total	625	975	1600

Required average =

$$\frac{225+300+300}{3} = 275$$

Q.105 Find the ratio of total products X to total products Y sold by all the sellers.

The paragraph given below shows the information about the two type of products (X and Y) sold by four (A, B, C and D) different sellers.

Total products sold by all the sellers are 1600. Total products sold by A are 350 in which product Y sold is 225. Seller B sold equal number of products X & Y. Ratio of products X sold by A, C and D is 5:8:6 respectively. Number of products Y sold by C & D are equal. Ratio of total products sold by C to D is 10:9.

- A. 47:50
- B. 25:23
- C. 25 :39
- D. 52:39
- E. 62:35

Answer: C

Sol: For A,

Total products sold = 350

Product Y sold = 225

Products X sold = 350-225 = 125

For B,

Product X sold = a

Products Y sold = a

Total products sold = 2a

For C,

$$\text{Products X sold} = \frac{125}{5} \times 8 = 200$$

Products Y sold = b

For D,

$$\text{Products X sold} = \frac{125}{5} \times 6 = 150$$

Products Y sold = b

ATQ,

$$\frac{200 + b}{150 + b} = \frac{10}{9}$$

$$1800 + 9b = 1500 + 10b$$

$$b = 300$$

Total products sold by all = 1600

$$350 + 2a + 200 + b + 150 + b = 1600$$

$$2a = 1600 - 1300$$

$$a = 150$$

Sellers	Product X sold	Products Y sold	Total
A	125	225	350
B	150	150	300
C	200	300	500
D	150	300	450
Total	625	975	1600

Required ratio = 625 : 975 = 25 :39

Q.106 A and B started a business with Rs. 1000 and Rs. 1500 respectively. They decided to use 5% of the total profit for charity & remaining profit is distributed among them as per their investment ratio. If at the end of the year the profit share of A is Rs 3800, then find the amount given in charity.

- A. 1100
- B. 500
- C. 200
- D. 800
- E. 1170

Answer: B

Sol:

The profit sharing ratio of A to B = $1000 \times 12 : 1500 \times 12 = 2:3$
 Let the total profit be Rs 100a
 ATQ,
 $100a \times \frac{95}{100} \times \frac{2}{5} = 3800$
 $38a = 3800$
 $a = 100$
 Required amount = $100 \times 100 \times \frac{5}{100} = \text{Rs } 500$

Q.107 A man obtained 72 marks in an exam and failed by 12 marks. If a girls scored 65% marks in that exam, then find the difference highest marks of the exam and marks obtained by the girl (for passing the any exam one has to obtained minimum 35% of highest marks).

- A. 72
- B. 74
- C. 84
- D. 64
- E. 78

Answer: C

Sol: Let highest marks of the exam = $100x$

$$\text{ATQ, } 100x \times \frac{35}{100} = (72 + 12)$$

$$35x = 84$$

$$x = 2.4$$

So, highest marks of the exam = 240

$$\begin{aligned} \text{Required difference} &= 240 - 240 \times \frac{65}{100} \\ &= 240 - 156 \\ &= 84 \end{aligned}$$

Q.108 The average weight of 20 boys is 45 kg. The X boys left, and the average weight increased by 4 kg. If the difference between the total initial weight and the new weight of boys is 67 kg, then find X.

- A. 2
- B. 3
- C. 1
- D. 5
- E. 4

Answer: B

Sol:

ATQ,
 $20 \times 45 - (20 - X) \times (45 + 4) = 67$
 $900 - 980 + 49X = 67$
 $49X = 147$
 $X = 3$

Q.109 Two years ago Raju's age was 75% of his sister, Rita's age at that time. After two years, Rita's age will be $33 \frac{1}{3}\%$ of her father's age. Average age of Rita's father and mother is 31 yrs. If Rita's mother's age is 28 yrs then what is the present age of Raju?

- A. 10 years
- B. 6 years
- C. 8 years

- D. 12 years
- E. 14 years

Answer: C

Sol: Rita's father's age = $31 \times 2 - 28 = 34$ years
 Rita's age after two years = $100/300 \times (36) = 12$ years
 Rita's present age = 10 years
 Raju's present age = $(10-2) \times 75/100 + 2 = 8$ years

Q.110 A shopkeeper purchased an article for Rs. Y and marked the article 50% above its cost price. If he allows a 25% discount on the marked price, then he receives a profit of Rs. 75. Find the value of 2Y.

- A. 600
- B. 1500
- C. 1400
- D. 1100
- E. 1200

Answer: E

Sol: Marked price = $Y \times (150/100) = 1.5Y$
 Selling price = $1.5Y \times (75/100) = 1.125Y$
 ATQ,
 $1.125Y - Y = 75$
 $Y = 600$
 Required value = $2Y = 1200$

Q.111 A person invested Rs. 25,000 in a scheme A at a simple interest of 25% for three years. If the interest received from scheme A is reinvested in scheme B at 20% for two years on compound interest, then find the compound interest received from scheme B?

- A. Rs. 8100
- B. Rs. 8050
- C. Rs. 8150
- D. Rs. 8250
- E. Rs. 8350

Answer: D

Sol:

Information Given:

A person invested Rs. 25,000 in a scheme A at a simple interest of 25% for three years.

If the interest received from scheme A is reinvested in scheme B at 20% for two years on compound interest.

Formulas Used:

$$CI = P \left(1 + \frac{R}{100} \right)^T - P$$

P = Principal (initial amount)

R = Rate of interest per annum

T = Time in years

CI = Compound Interest

$$SI = \frac{P \times R \times T}{100}$$

Basic Explanation:

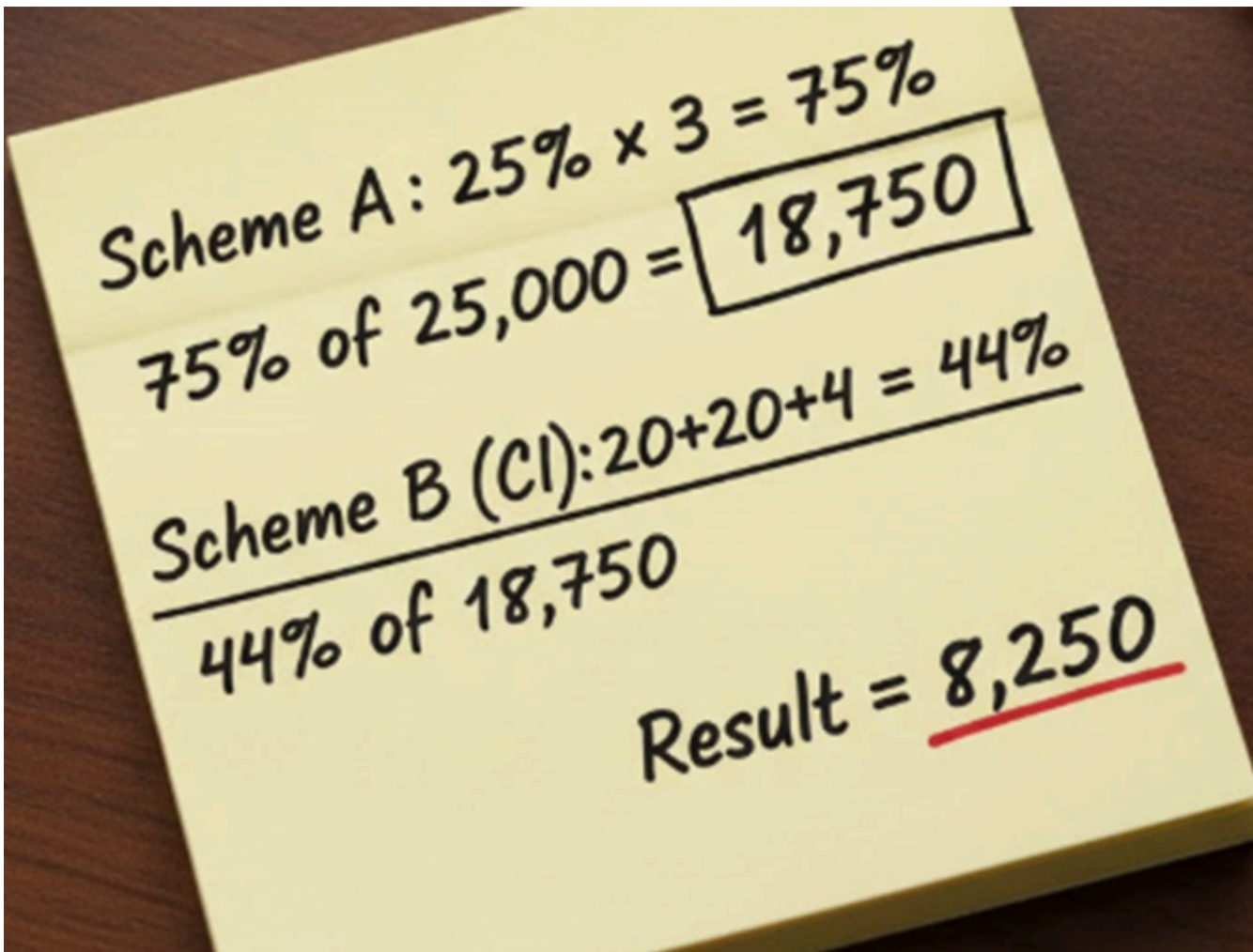
$$\text{Interest received from scheme A} = 25000 \times \frac{1}{4} \times 3 = \text{Rs. } 18750$$

Now,

$$\text{Cumulative interest rate} = \left(20 + 20 + 20 \times \frac{20}{100} \right) \% = 44\%$$

$$\text{Compound interest} = 18750 \times \frac{44}{100} = \text{Rs. } 8250$$

Exam Hall Approach



Q.112 240 liters mixture of milk to water are in the ratio of 7 : 3 respectively. Find how much water should be mixed in the mixture so that quantity of milk becomes 50% of resulting mixture.

- A. 56
- B. 128
- C. 48
- D. 72
- E. 96

Answer: E

Sol: Total milk in initial mixture = $240 \times \frac{7}{10} = 168$ liters
 Total water in initial mixture = $240 \times \frac{3}{10} = 72$ liters
 Let x liter water added
 $\frac{168}{72+x} = \frac{1}{1}$
 $168 = 72 + x$
 $x = 96$

Q.113 Three persons A, B, D and C together undertake Rs 1600 to complete a piece of work. A can complete the work alone in 6 days, B alone in 15 days and C alone in 24 days respectively. If they complete the work with the help of person D in 3 days, then find the wage of person D?

- A. Rs. 250
- B. Rs. 350
- C. Rs. 210
- D. Rs. 280
- E. Rs. 230

Answer: D

Sol: Information Given:

A, B, and C together have agreed to complete a piece of work for Rs. 1600.
 A can complete the work in 6 days, B in 15 days, and C in 24 days.
 With the help of person D, they complete the work in 3 days.
 We need to find the wage of person D.

Formula Used:

Work = 1 unit (total work)

The rate of work for each person is the reciprocal of the days they take to complete the work.

Formula for work done by individuals:

A's rate = $\frac{1}{6}$

B's rate = $\frac{1}{15}$

C's rate = $\frac{1}{24}$

D's rate = unknown, but we can find it using the given information.

Explanation:

Let the total work be 120 units (LCM)

So, the efficiency of A, B and C be 20 units/day, 8 units/day and 5 units/day respectively.

1 day work of A, B, C and D = 40 units

So, the efficiency of D = $40 - (20 + 8 + 5) = 7$ units/day

$$\text{Wage of D} = \frac{7}{20 + 8 + 5 + 7} \times 1600$$

$$= \frac{7}{40} \times 1600 = \text{Rs}280$$

Q.114 320 meters long train running at the speed of 96km/hr can cross a pole in x seconds while 1 meter long another train running at the speed of 72 km/hr can crosses the same pole in $\frac{5}{3}x$ seconds. Find the time taken by both the train to cross each other while running in opposite direction.

- A. $\frac{114}{7}$ sec.
- B. $\frac{90}{7}$ sec.
- C. $\frac{120}{7}$ sec.
- D. $\frac{108}{7}$ sec.
- E. $\frac{106}{7}$ sec.

Answer: D

Sol: $x = \frac{320}{96 \times \frac{5}{18}} = 12$ sec.

$$l = 72 \times \frac{5}{18} \times \frac{5}{3} \times 12 = 400 \text{ meters}$$

$$\text{Required time} = \frac{320+400}{168 \times \frac{5}{18}} = \frac{108}{7} \text{ sec.}$$

Q.115 Person A travels from point P to Q with the speed of 5 km/hr and at the same time person B travels with the double of the speed of A from Q to P. If person A stops after travelling 2/5th of the total distance and B also stops at the same point, then find the total distance between the P and Q if A stops one hour later when B stops.

- A. 50 km
- B. 60 km
- C. 80 km
- D. 85 km
- E. 40 km

Answer: A

Sol: Let the total distance between P and Q be $5x$

ATQ,

$$\left(\frac{\frac{2}{5} \times 5x}{5} - \frac{3}{5} \times \frac{5x}{10}\right) = 1$$

$$4x - 3x = 10$$

$$x = 10$$

$$\text{Total distance} = 5 \times x = 50 \text{ km}$$

Q.116 The ratio of downstream speed of a boat to speed of current is 4:1. If the speed of boat in downstream is 21 km/hr, then find the time taken by the boat to cover 63 km in upstream.

- A. 6 hr
- B. 3 hr
- C. 4.5 hr
- D. 4 hr
- E. 5 hr

Answer: A

Sol:

Let the speed of current be x km/hr.

Then, speed in downstream = $4x$ km/hr

$$4x = 21$$

$$5.25 = x$$

$$\text{Required answer} = \frac{63}{3x-x} = \frac{63}{10.5} = 6 \text{ hours}$$

Q.117 The length of the rectangular playground whose area is 750 m^2 is 20% more than its breadth. If the cost of fencing is Rs 15 per meter, then find the cost of fencing a rectangular playground

- A. Rs. 1650
- B. Rs. 1550
- C. Rs. 1260
- D. Rs. 1100
- E. None of these

Answer: A

Sol: Let the breadth of the rectangular playground be $5x$ meter

$$\text{Length of the rectangular playground} = \frac{120}{100} \times 5x = 6x \text{ meter}$$

ATQ,

$$5x \times 6x = 750$$

$$x^2 = 25$$

$$x = 5$$

$$\text{Perimeter of the playground} = 2(5x + 6x) = 2 \times 11x = 22x \text{ meters} = 22 \times 5 = 110 \text{ meters}$$

$$\text{Required amount} = 110 \times 15 = \text{Rs. } 1650$$

Q.118 The ratio of male to female employees in a company is 11: 4. On Diwali 25% of male and 55% of female participated in Diwali celebrations, then what percent of total employees didn't participated?

- A. 67%
- B. 76%
- C. 68%
- D. 64%
- E. 75%

Answer: A

Sol: Let the male employees be $1100x$ and female employees be $400x$.
 Male and female employees participated = $1100x \times \frac{25}{100} + 400x \times \frac{55}{100} = 495x$
 Male and female employees didn't participate = $1100x + 400x - 495x = 1005x$
 Required % = $\frac{1005}{1500} \times 100 = 67\%$

Q.119 Find the age of D four year ago.

Statement I. The present age A is 20% less than that of B and the present age of C is five years more than the average age of A and B.

Statement II. The average present age of B, C, and D is 19 years and the age of D is two years, hence equal to the present age of A.

The following questions are accompanied by two statements i.e. statement (I) and statement (II). You have to determine which statement (s) is/are sufficient/necessary to answer the questions.

- A. Neither statement (I) nor statement (II) by itself is sufficient to answer the question.
- B. Statement (II) alone is sufficient to answer the question but statement (I) alone is not sufficient to answer the question.
- C. Either statement (I) or statement (II) by itself is sufficient to answer the question.
- D. Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
- E. Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.

Answer: D

Sol: Statement I.

Let the present age of B be $5x$ years

The present age of A = $5x \times \frac{80}{100} = 4x$ years

And the present age of C = $\frac{4x+5x}{2} + 5 = 4.5x + 5$ years

Statement II.

Total present age of B, C and D = 57 years

From both statements together

The present age of D = $4x - 2$ years

$5x + 4.5x + 5 + 4x - 2 = 57$

$13.5x = 54$

$x = 4$

The age of D four years ago = $4(4) - 2 - 4 = 10$ years

So, both the statements taken together are necessary to answer

Q.120 What is the area of floor of hall (cuboidal shape)?

I. The height of the hall is 5 m while cost of painting of a walls at the rate of Rs 10 per sq.m. is Rs 700. Area of shorter wall is 20 sq.m.

II. The wall area of longer wall is 50 sq.m. while volume of the hall is 200 cu.m.

Each of the given question is followed by two statements I & II. You have to determine which statement (s) is/are necessary/sufficient to answer the question. Mark the answer as per the given instructions.

- A. Only statement II is sufficient to answer
- B. Either statement I or statement II is sufficient to answer
- C. Both statements I & II are necessary to answer
- D. Only statement I is sufficient to answer
- E. Neither statement I & II is sufficient to answer

Answer: D

Sol: From Statement I. Let length & breadth be x & y m respectively

$(5x+5y) \times 10 = 700$

$x + y = 14$

let wall along breadth is shorter

$5y = 20$

$y = 4$ m

$x = 10$ m

Required area = 40 sq.m.

From statement II. let wall along length is longer having length x m.

let breadth & height of hall is y m & z m respectively

$xz = 50$

$xyz = 200$

$y = 4$ m
since x & z can't be determined
clearly, statement I is sufficient to answer while statement II is not

Q.121 Is Rahul meet Prabhat at half of the distance on a circular track (48km) if they both started to move at same time in same direction?

I. Speed of Prabhat is 24km/hr more than speed of Rahul.

II. Prabhat's speed is 200% more than that of Rahul

The following questions are accompanied by two statements I and II. You have to determine which statements(s) is/are sufficient/necessary to answer the questions.

- A. Statement I alone is sufficient to answer the question but statement II alone is not sufficient to answer the question.
- B. Either statement I or statement II by itself is sufficient to answer the question.
- C. Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
- D. Statement II alone is sufficient to answer the question but statement I alone is not sufficient to answer the question.
- E. Statements I and II taken together are not sufficient to answer the question.

Answer: D

Sol: According to concept if ratio between speed of two men is $a : b$ then their distinct meeting points are $(b - a)$

From I: Speed of Prabhat is 24 km/hr more than speed of Rahul. By this we can't conclude, will they meet at half of the distance or not.

From II: Ratio between speed of Rahul to speed of Prabhat $\rightarrow 1 : 3$

Distinct meeting points $\rightarrow (3 - 1) = 2$

From statement (II) we can conclude, that they will meet at half of the distance on a circular track

Hence, Statement II alone is sufficient to answer the question but statement I alone is not sufficient to answer the question.

Q.122 Find total students in HR section of the college.

Study the passage given below and answer the following questions.

- (i) There are three sections (Finance, Marketing and HR) in a management college and total number of students in the college is 1000.
- (ii) Total number of boys in HR are four times more than total number of boys in Finance and total number of boys in Marketing are 10 more than total number of boys in Finance.
- (iii) Total number of girls in Finance are 200/3% of total number of boys in same section and total number of girls in Marketing and HR are equal.
- (iv) The ratio of total number of boys in Finance to total number of girls in HR is 3 : 5.

- A. 300
- B. 500
- C. 600
- D. 700
- E. 400

Answer: C

Sol: Let total number of boys and girls in Finance be $30n$ & $20n$.

So, total number of boys in HR = $5 \times 30n = 150n$

And total number of boys in Marketing = $30n + 10$

Now, total number of girls in HR

$$= 30n \times \frac{5}{3} = 50n$$

So, total number of girls in Marketing = $50n$ (given, total number of girls in Marketing and HR are equal)

ATQ,

$$30n + 150n + 30n + 10 + 50n + 50n + 20n = 1000$$

$$330n + 10 = 1000$$

$$\Rightarrow n = \frac{990}{330}$$

$$n = 3$$

Sections	Boys	Girls
Finance	90	60
HR	450	150
Marketing	100	150
Total	640	360

Required number of students = 450 + 150 = 600

Q.123 Find the ratio of total number of boys in all three sections to total number of girls in all three sections.

Study the passage given below and answer the following questions.

- (i) There are three sections (Finance, Marketing and HR) in a management college and total number of students in the college is 1000.
- (ii) Total number of boys in HR are four times more than total number of boys in Finance and total number of boys in Marketing are 10 more than total number of boys in Finance.
- (iii) Total number of girls in Finance are 200/3% of total number of boys in same section and total number of girls in Marketing and HR are equal.
- (iv) The ratio of total number of boys in Finance to total number of girls in HR is 3 : 5.

- A. 5 : 3
- B. 16 : 9
- C. 8 : 7
- D. 15 : 13
- E. None of the above.

Answer: B

Sol: Let total number of boys and girls in Finance be $30n$ & $20n$.

So, total number of boys in HR = $5 \times 30n = 150n$

And total number of boys in Marketing = $30n + 10$

Now, total number of girls in HR

$$= 30n \times \frac{5}{3} = 50n$$

So, total number of girls in Marketing = $50n$ (given, total number of girls in Marketing and HR are equal)

ATQ,

$$30n + 150n + 30n + 10 + 50n + 50n + 20n = 1000$$

$$330n + 10 = 1000$$

$$\Rightarrow n = \frac{990}{330}$$

$$n = 3$$

Sections	Boys	Girls
Finance	90	60
HR	450	150
Marketing	100	150
Total	640	360

Required ratio =

$$\therefore \frac{640}{360} = \frac{16}{9} = 16 : 9$$

Q.124 Total students in Finance section are what percent more or less than total students in Marketing section of the college?

Study the passage given below and answer the following questions.

- (i) There are three sections (Finance, Marketing and HR) in a management college and total number of students in the college is 1000.
- (ii) Total number of boys in HR are four times more than total number of boys in Finance and total number of boys in Marketing are 10 more than total number of boys in Finance.
- (iii) Total number of girls in Finance are 200/3% of total number of boys in same section and total number of girls in Marketing and HR are equal.
- (iv) The ratio of total number of boys in Finance to total number of girls in HR is 3 : 5.

- A. 20%
- B. 30%
- C. 32%

- D. 40%
- E. 44%

Answer: D

Sol: Let total number of boys and girls in Finance be $30n$ & $20n$.

So, total number of boys in HR = $5 \times 30n = 150n$

And total number of boys in Marketing = $30n + 10$

Now, total number of girls in HR

$$= 30n \times \frac{5}{3} = 50n$$

So, total number of girls in Marketing = $50n$ (given, total number of girls in Marketing and HR are equal)

ATQ,

$$30n + 150n + 30n + 10 + 50n + 50n + 20n = 1000$$

$$330n + 10 = 1000$$

$$\Rightarrow n = \frac{990}{330}$$

$$n = 3$$

Sections	Boys	Girls
Finance	90	60
HR	450	150
Marketing	100	150
Total	640	360

Total students in Finance section = $90 + 60 = 150$

Total students in Marketing section = $100 + 150 = 250$

Required percentage = $\frac{250-150}{250} \times 100 = 40\%$

Q.125 Total number of boys in Finance section and HR section together are what percent of total number of girls in HR section and Marketing section together?

Study the passage given below and answer the following questions.

(i) There are three sections (Finance, Marketing and HR) in a management college and total number of students in the college is 1000.

(ii) Total number of boys in HR are four times more than total number of boys in Finance and total number of boys in Marketing are 10 more than total number of boys in Finance.

(iii) Total number of girls in Finance are $200/3\%$ of total number of boys in same section and total number of girls in Marketing and HR are equal.

(iv) The ratio of total number of boys in Finance to total number of girls in HR is 3 : 5.

- A. 180%
- B. 150%
- C. 120%
- D. 100%
- E. 240%

Answer: A

Sol: Let total number of boys and girls in Finance be $30n$ & $20n$.

So, total number of boys in HR = $5 \times 30n = 150n$

And total number of boys in Marketing = $30n + 10$

Now, total number of girls in HR

$$= 30n \times \frac{5}{3} = 50n$$

So, total number of girls in Marketing = $50n$ (given, total number of girls in Marketing and HR are equal)

ATQ,

$$30n + 150n + 30n + 10 + 50n + 50n + 20n = 1000$$

$$330n + 10 = 1000$$

$$\Rightarrow n = \frac{990}{330}$$

$$n = 3$$

Sections	Boys	Girls
Finance	90	60
HR	450	150
Marketing	100	150
Total	640	360

$$\begin{aligned} \text{Required percentage} &= \frac{(90+450)}{(150+150)} \times 100 \\ &= \frac{540}{300} \times 100 \\ &= 180\% \end{aligned}$$

Q.126 Total number of girls in Finance section & Marketing section together of are how much more or less than average number of boys in HR section & Marketing section?

Study the passage given below and answer the following questions.

- (i) There are three sections (Finance, Marketing and HR) in a management college and total number of students in the college is 1000.
- (ii) Total number of boys in HR are four times more than total number of boys in Finance and total number of boys in Marketing are 10 more than total number of boys in Finance.
- (iii) Total number of girls in Finance are 200/3% of total number of boys in same section and total number of girls in Marketing and HR are equal.
- (iv) The ratio of total number of boys in Finance to total number of girls in HR is 3 : 5.

- A. 50
- B. 65
- C. 55
- D. 75
- E. 85

Answer: B

Sol: Let total number of boys and girls in Finance be $30n$ & $20n$.

So, total number of boys in HR = $5 \times 30n = 150n$

And total number of boys in Marketing = $30n + 10$

Now, total number of girls in HR

$$= 30n \times \frac{5}{3} = 50n$$

So, total number of girls in Marketing = $50n$ (given, total number of girls in Marketing and HR are equal)

ATQ,

$$30n + 150n + 30n + 10 + 50n + 50n + 20n = 1000$$

$$330n + 10 = 1000$$

$$\Rightarrow n = \frac{990}{330}$$

$$n = 3$$

Sections	Boys	Girls
Finance	90	60
HR	450	150
Marketing	100	150
Total	640	360

Total number of girls in Finance section & Marketing section = $60 + 150 = 210$

Average number of boys in HR section & Marketing section = $\frac{450+100}{2} = 275$

Required difference = $275 - 210 = 65$

Q.127

$$\text{I. } 1 + \frac{33}{x} + \frac{270}{x^2} = 0$$

$$\text{II. } y^2 + 27y + 180 = 0$$

In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer

- A. If $x > y$
- B. If $x \geq y$
- C. If $x < y$
- D. If $x \leq y$

E. If $x = y$ or no relation can be established between x and y

Answer: D

Sol: I. $1 + \frac{33}{x} + \frac{270}{x^2} = 0$
 $x^2 + 33x + 270 = 0$
 $x^2 + 15x + 18x + 270 = 0$
 $x(x + 15) + 18(x + 15) = 0$
 $(x + 15)(x + 18) = 0$
 $x = -15, -18$
 II. $y^2 + 27y + 180 = 0$
 $y^2 + 12y + 15y + 180 = 0$
 $y(y + 12) + 15(y + 12) = 0$
 $(y + 12)(y + 15) = 0$
 $y = -12, -15$
 So, $y \geq x$

Q.128 I. $12x^2 - 7x + 1 = 0$
 II. $10y^2 - 37y + 7 = 0$

In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer :

- A. if $x > y$
- B. if $x \geq y$
- C. if $x < y$
- D. if $x \leq y$
- E. if $x = y$ or no relation can be established between x and y .

Answer: E

Sol: I. $12x^2 - 7x + 1 = 0$
 $12x^2 - 4x - 3x + 1 = 0$
 $4x(3x - 1) - 1(3x - 1) = 0$
 $(3x - 1)(4x - 1) = 0$
 $x = \frac{1}{4}, \frac{1}{3}$
 II. $10y^2 - 37y + 7 = 0$
 $10y^2 - 35y - 2y + 7 = 0$
 $5y(2y - 7) - 1(2y - 7) = 0$
 $(2y - 7)(5y - 1) = 0$
 $y = \frac{7}{2}, \frac{1}{5}$
 So, no relation between x and y

Q.129 A, B and C starts a business. A invest Rs.18000, B invest Rs.15000 and C invest Rs.20000. After 4 months, A withdraws 1/6th of his initial investment while C added Rs.1000 more. At the end of the year total profit earned is Rs.31000.

Quantity I: Profit share of A.

Quantity II: Average of profit share of B and C.

In the given questions, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You must determine relationship between two quantities and choose the appropriate option:

- A. Quantity I > Quantity II
- B. Quantity I < Quantity II
- C. Quantity I \geq Quantity II
- D. Quantity I \leq Quantity II
- E. Quantity I = Quantity II or no relation.

Answer: B

Sol:

Ratio of profit share of A, B and C =
 $= [(18000 \times 4) + (18000 \times \frac{5}{6} \times 8) : (15000 \times 12) : (20000 \times 4) + (20000 + 1000) \times 8]$
 $= 48: 45: 62$
 Quantity I:
 Profit share of A = $\frac{48}{155} \times 31000 = 9600$
 Quantity II:
 Average of profit share of B and C = $\frac{45+62}{2} \times \frac{31000}{155} = \text{Rs. } 10700$
 So, quantity II > quantity I

Q.130 Quantity I: A boat takes 16 hours to cover a distance of 160 km in downstream and 20 hours to cover 120 km in upstream. Find the distance cover by boat in still water in 5 hours. (in km)

Quantity II: 40 km

In the given questions, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You must determine relationship between two quantities and choose the appropriate option:

- A. Quantity I > Quantity II
- B. Quantity I < Quantity II
- C. Quantity I ≥ Quantity II
- D. Quantity I ≤ Quantity II
- E. Quantity I = Quantity II or no relation.

Answer: E

Sol: Quantity I:

Downstream speed = $\frac{160}{16} = 10$ kmph
 Upstream speed = $\frac{120}{20} = 6$ kmph
 Speed of boat in still water = $\frac{10+6}{2} = 8$ kmph
 So, Required Distance = $8 \times 5 = 40$ km

Quantity II: 40 km

So, Quantity I = Quantity II

Q.131 I. $x^2 - 6x + 8 = 0$
 II. $y^2 + 2y - 8 = 0$

In each of the following questions two equations are given. Solve these equations and give answer:

- A. if $x \geq y$, i.e., x is greater than or equal to y
- B. if $x > y$, i.e., x is greater than y
- C. if $x \leq y$, i.e. x is less than or equal to y
- D. if $x < y$, i.e., x is less than y
- E. $x = y$ or no relation can be established between x and y

Answer: A

Sol: I. $x^2 - 6x + 8 = 0$

$$x^2 - 4x - 2x + 8 = 0$$

$$x(x - 4) - 2(x - 4) = 0$$

$$(x - 4)(x - 2) = 0$$

$$x = 2, 4$$

II. $y^2 + 2y - 8 = 0$

$$y^2 + 4y - 2y - 8 = 0$$

$$y(y + 4) - 2(y + 4) = 0$$

$$(y + 4)(y - 2) = 0$$

$$y = -4, 2$$

So, $x \geq y$, i.e., x is greater than or equal to y

Q.132 I. $x^2 + 12x + 35 = 0$
II. $y^2 + 9y + 20 = 0$

In the following questions there are two equations given. You have to solve both the equations and give answer:

- A. if $x > y$
- B. if $x < y$
- C. if $x \geq y$
- D. if $x \leq y$
- E. if $x = y$ or relation between x and y cannot be established

Answer: D

Sol: I. $x^2 + 12x + 35 = 0$
 $x^2 + 7x + 5x + 35 = 0$
 $(x + 7)(x + 5) = 0$
 $\therefore x = -5 \text{ or } -7$
 II. $y^2 + 9y + 20 = 0$
 $y^2 + 5y + 4y + 20 = 0$
 $(y + 5)(y + 4) = 0$
 $y = -5, -4$
 $\Rightarrow x \leq y$

Q.133 I. $18x^2 - 73x + 35 = 0$
II. $y^2 - 10y + 24 = 0$

In the following questions there are two equations given. You have to solve both the equations and give answers accordingly.

- A. if $x > y$
- B. if $x < y$
- C. if $x \geq y$
- D. if $x \leq y$
- E. if $x = y$ or relation between x and y cannot be established

Answer: B

Sol: I. $18x^2 - 73x + 35 = 0$
 $18x^2 - 10x - 63x + 35 = 0$
 $2x(9x - 5) - 7(9x - 5) = 0$
 $(2x - 7)(9x - 5) = 0$
 $x = \frac{7}{2}, \frac{5}{9}$
 II. $y^2 - 10y + 24 = 0$
 $y^2 - 6y - 4y + 24 = 0$
 $y(y - 6) - 4(y - 6) = 0$
 $(y - 4)(y - 6) = 0$
 $y = 4, 6$
 So, $x < y$.

Q.134 Quantity I: A, B and C together can complete the piece of work in 48 days. A and C together can complete the work in 72 days and B and C together can complete the work in 96 days. In how many days A alone can complete the work?

Quantity II: 96 days
In the questions, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You have to determine relationship between two quantities and choose the appropriate option

- A. Quantity I > Quantity II
- B. Quantity I < Quantity II
- C. Quantity I \geq Quantity II
- D. Quantity I \leq Quantity II
- E. Quantity I = Quantity II or no relation

Answer: E

Sol: Quantity I: Total work (LCM of 48, 72 and 96) = 288 units/day
 The efficiency of A, B and C together, A and C together and B and C together is 6, 4 and 3 units/day respectively.
 The efficiency of B = $6 - 4 = 2$ units/day

The efficiency of C = $3-2 = 1$ units/day
 The efficiency of A = $6-(1+2) = 3$ units/day
 Required days = $288/3=96$ days
 Quantity II: 96 days
 So, Quantity I = Quantity II or no relation

Q.135 $2.80^? = 27.02 \div 9.1^2 \times 81.20$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- A. 15
- B. 8
- C. 1
- D. 5
- E. 3

Answer: E

Sol: $3^? = 27 \div 9^2 \times 81$
 $3^? = 27 \div 9^2 \times 81$
 $? = 3$

Q.136 $199.89 \times 7.12 - \frac{2}{9}$ of $170.82 = ? \times 3.31$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- A. 478
- B. 454
- C. 441
- D. 477
- E. 442

Answer: B

Sol: $200 \times 7 - \frac{2}{9}$ of $171 = ? \times 3$
 $\frac{1400 - 38}{3} = ?$
 $454 = ?$

Q.137 $24.98^2 + 15.92 \times 6.22 - 49.89 \times 19.22 = ? + 20.15\%$ of 200.04

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- A. -264
- B. -260
- C. -274
- D. -278
- E. -269

Answer: E

Sol: $25^2 + 16 \times 6 - 50 \times 19 = ? + 20\%$ of 200
 $625 + 96 - 950 = ? + 40$
 $-269 = ?$

Q.138 $60.01\% \text{ of } 439.98 \div 5.87 = ? \times 10.901$

What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

- A. 4
- B. 1
- C. 7
- D. 9
- E. 11

Answer: A

Sol: $60\% \text{ of } 440 \div 6 = ? \times 11$
 $44 = ? \times 11$
 $4 = ?$

Q.139 $719.97 \div 79.91 \div 59.97 \times 120.07 = ?$

What approximate value should come in place of question mark (?) in following questions.

- A. 14
- B. 21
- C. 18
- D. 10
- E. 24

Answer: C

Sol: $720 \times \frac{1}{80} \times \frac{1}{60} \times 120 \approx ?$
 $? \approx 18$

Q.140 $57.96\% \text{ of } \frac{249.98}{28.91} + 12.03^2 = ? + 17.89$

What approximate value should come in the place of question (?) marks in the given question:

- A. 131
- B. 146
- C. 107
- D. 154
- E. 162

Answer: A

Sol: $\frac{58}{100} \times \frac{250}{29} + 144 = ? + 18$
 $? = 149 - 18$
 $? = 131$

Q.141 Which early computer system first introduced the concept of stored programs, allowing instructions to be kept in memory?

- A. ENIAC
- B. EDSAC
- C. UNIVAC
- D. Mark-I
- E. None of the above

Answer: B

Sol: The **EDSAC (Electronic Delay Storage Automatic Calculator)**, developed at the **University of Cambridge (1949)**, was among the first computers to successfully implement the **stored program concept** proposed by **John von Neumann**. Unlike earlier machines, it could **store both data and instructions in memory**, marking a major step in computer architecture evolution.

Important Key Points:

1. **EDSAC** was built by **Maurice Wilkes** in 1949 at Cambridge University.
2. It implemented **von Neumann architecture**, storing both **instructions and data** in memory.
3. The first program on EDSAC ran on **May 6, 1949**.
4. It was used for **scientific and mathematical computations**.

Knowledge Booster:

- **(a) ENIAC** → Required manual reprogramming; did not use stored programs.
- **(c) UNIVAC** → First commercial computer; came after EDSAC.
- **(d) Mark-I** → Electromechanical computer; lacked stored program capability.

Q.142 Which of the following is a valid hexadecimal number?

- A. 19F3
- B. 230H
- C. 8GK
- D. 10112X
- E. None of the above

Answer: A**Sol:** Hexadecimal (base-16) uses digits **0–9** and letters **A–F** (or a–f). The number **19F3** contains only valid digits: 1, 9, F, 3.**Important Key Points:**

1. **Hexadecimal** digits are **0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F** (A=10, B=11, ..., F=15).
2. One hexadecimal digit represents exactly **4 bits** (nibble) in binary.
3. Hex numbers are commonly prefixed with **0x** (e.g., 0x19F3) in programming, but the prefix is optional in many MCQs.
4. Hex is widely used in computing for memory addresses, color codes (RGB), and low-level programming.

Knowledge Booster:

- (b) 230H → Contains **H**, which is not a valid hex digit (some old systems used H as suffix, but it is not part of the digit set).
- (c) 8GK → Contains **G** and **K**, both outside the valid range A–F.
- (d) 10112X → 10112X is not a valid hexadecimal number because hexadecimal digits are limited to 0–9 and A–F only..

Q.143 What is the core technology behind ChatGPT?

- A. Rule-based expert system
- B. Generative Pre-trained Transformer (GPT)
- C. Relational database management system
- D. Blockchain smart contracts
- E. None of the above

Answer: B**Sol:** ChatGPT is built on the **Generative Pre-trained Transformer (GPT)** architecture. It is a large language model developed by OpenAI that uses a **transformer** neural network to generate human-like text. The model is pre-trained on vast amounts of data and then fine-tuned (especially with RLHF - Reinforcement Learning from Human Feedback) for conversational abilities. The "GPT" in ChatGPT directly stands for Generative Pre-trained Transformer.**Important Key Points:**

1. **ChatGPT** uses the **GPT** model series (e.g., GPT-3.5, GPT-4).
2. Core architecture is the **transformer**, enabling attention mechanisms for context understanding.
3. It is a **generative AI** model capable of producing coherent, context-aware responses.
4. Training involves massive pre-training followed by alignment for safety and usefulness.

Knowledge Booster:

- (a) Rule-based expert system → Uses predefined rules and logic; no learning from data.
- (c) Relational database management system → Designed for structured data storage and queries (e.g., SQL).
- (d) Blockchain smart contracts → Self-executing code on decentralized ledgers; unrelated to language generation.

Q.144 Fifth generation computers emphasize which type of processing?

- A. Sequential processing
- B. Parallel processing
- C. Batch processing

- D. Analog processing
- E. None of the above

Answer: B

Sol: The **fifth generation** of computers focuses on **Artificial Intelligence (AI)** and intelligent systems. These require handling complex tasks like pattern recognition, natural language processing, and decision-making. **Parallel processing** is emphasised because it allows multiple processors to work simultaneously on different parts of a problem, providing the massive computational power needed for AI applications.

Important Key Points:

1. **Fifth generation** computers aim at **Artificial Intelligence** and knowledge-based systems.
2. Core emphasis is on **parallel processing** to achieve high-speed computation for AI.
3. Projects like Japan's FGCS (Fifth Generation Computer Systems) highlighted **parallel architectures**.
4. Modern supercomputers and AI systems rely on massively parallel processors (e.g., GPUs).

Knowledge Booster:

- (a) Sequential processing → Characteristic of early generations (first to third).
- (c) Batch processing → Common in second and third generations for non-interactive jobs.
- (d) Analog processing → Used in early analog computers, not a focus of digital generations.

Q.145 India's cultural and natural heritage is recognized globally through its inclusion in the UNESCO World Heritage List. As of March, 2026, how many World Heritage Properties are currently in India?

- A. 40
- B. 42
- C. 46
- D. 44
- E. 48

Answer: D

- Sol:**
- India currently has a total of **44 UNESCO World Heritage Properties**.
 - These include:
 - **36 Cultural Heritage Sites**
 - **7 Natural Heritage Sites**
 - **1 Mixed Heritage Site**
 - The Government of India has submitted new proposals to the **World Heritage Centre** for inclusion in the World Heritage List:
 - **Ancient Buddhist Site, Sarnath** (2025–26)
 - **Jingkieng Jri / Lyu Charai Cultural Landscape** (2026–27)
 - The **Archaeological Survey of India (ASI)** is responsible for the **conservation and maintenance of 3,686 protected monuments and sites** across the country.
 - This includes **27 World Heritage properties** under ASI's direct management.
 - ASI also provides **visitor amenities** such as **drinking water, toilets, pathways, and landscaping** at these sites.

Q.146 Which state government launched the Cyber Safety Protocol 2026 for schools?

- A. Karnataka
- B. Kerala
- C. Tamil Nadu
- D. Telangana
- E. Andhra Pradesh

Answer: B

Sol: The **Kerala Infrastructure and Technology for Education (KITE)**, which functions as the **technology wing of the General Education Department of Kerala**, has released the **Cyber Safety Protocol 2026**. The objective of this initiative is to **create a safe and secure digital learning environment for students studying in public schools across the state**.

The protocol incorporates important legal provisions from several major legislations, including the **Information Technology Act, 2000**, the **Digital Personal Data Protection Act, 2023**, and the **Protection of Children from Sexual Offences (POCSO) Act**. These legal frameworks aim to ensure **data protection, online safety, and protection of children in digital spaces**.

Additionally, the protocol builds upon the **“Sarvam AI Mayam” training programme**, which has already been implemented to **educate nearly six lakh parents about artificial intelligence and digital awareness**, thereby strengthening community participation in ensuring safe digital practices among students.

Q.147 Program execution time would be minimum if the programs are written in:

- A. Machine language
- B. Assembly language
- C. High level language
- D. All of the above
- E. None of the above

Answer: A

Sol: **Machine language** consists of raw binary instructions (0s and 1s) that the CPU executes directly without any translation or interpretation. There is zero overhead from compilation or interpretation, so the program runs with the absolute minimum execution time. **Assembly language** requires an assembler to translate into machine code (small overhead), and **high-level languages** require compilers or interpreters (much larger overhead), making them slower at runtime even if the resulting code is optimized.

Important Key Points:

1. **Machine language** is native to the processor → no translation needed.
2. Execution speed order: **Machine language > Assembly language > High-level language** (compiled) > Interpreted languages.
3. Modern optimizing compilers can sometimes produce code nearly as fast as hand-written machine code, but never faster or with zero overhead.
4. Machine language gives the absolute minimum execution time.

Knowledge Booster:

- (b) Assembly language → Needs assembling → slight delay and minor overhead.
- (c) High level language → Needs compilation/interpretation → noticeable runtime overhead or slower execution.
- (d) All of the above → Incorrect; only machine language provides the true minimum execution time.

Q.148 Which Windows power mode saves your current session to RAM for quick wake-up?

- A. Shutdown
- B. Restart
- C. Sleep
- D. Hibernate
- E. None of the above

Answer: C

Sol: The **Sleep mode** in Windows saves the current system state, including open applications and documents, in the computer's **Random Access Memory (RAM)**. In this state, the system consumes a small amount of power to maintain the data stored in RAM. Because the session remains in memory, the computer can **resume operations very quickly** when the user presses a key, moves the mouse, or presses the power button.

Important Key Points:

1. **Sleep mode** stores the current session in **RAM**.
2. It allows the computer to **resume quickly** without restarting applications.
3. The system remains in a **low-power state** while maintaining the session.
4. It is commonly used for **temporary pauses in work** while keeping programs open.

Knowledge Booster:

- **Shutdown:** This option **completely turns off the computer** and closes all running applications; the current session is **not saved in RAM**.
- **Restart:** Restarting **reboots the system**, closing all programs and reloading the operating system from the beginning.
- **Hibernate:** Hibernate saves the session to the **hard disk or SSD**, not to **RAM**, and the system powers off completely

Q.149 Which one of the following layers is called the User-Friendly Layer?

- A. Transport

- B. Network
- C. Session
- D. Application
- E. None of the above

Answer: D

Sol: The **Application Layer** is the **topmost layer** of the **OSI (Open Systems Interconnection) model** and is considered the **user-friendly layer** because:

- It provides **direct interaction** between the **user and the network services**.
- It enables **applications like web browsers, email clients, and FTP clients** to communicate with the network.
- It handles **data presentation, resource sharing, file transfers, email, remote access, and network services**.

Important Key Points:

1. The Application Layer is the only layer that interacts directly with the user.
2. It provides services such as HTTP, FTP, SMTP (Email), DNS, and Telnet.
3. It converts user-friendly data into network-compatible formats and vice versa.

4. Other OSI Layers and Their Functions:

- **Transport Layer:** Ensures reliable data transmission (TCP, UDP).
- **Network Layer:** Manages routing and IP addressing.
- **Session Layer:** Establishes, maintains, and terminates communication sessions.

Knowledge Booster:

· **Common Protocols in the Application Layer:**

- **HTTP/HTTPS:** Used for web browsing.
- **SMTP/POP3/IMAP:** Used for email communication.
- **FTP/SFTP:** Used for file transfers.
- **DNS:** Resolves domain names to IP addresses.

· **Difference Between Application and Presentation Layers:**

- **Application Layer:** Deals with end-user services.
- **Presentation Layer:** Deals with data format conversion (encryption, compression, etc.).

Q.150 The process of converting readable data into an unreadable or scrambled form to prevent access by unauthorized users is known as:

- A. Decryption
- B. Encryption
- C. Compression
- D. Encoding
- E. Firewalling

Answer: B

Sol: **Encryption** is the process of transforming plaintext (readable data) into ciphertext (unreadable scrambled form) using an algorithm and a key. This ensures that only authorized users with the correct key can reverse the process (via decryption) and access the original data. Encryption is a core component of data security and confidentiality in computing.

Important Key Points:

1. **Encryption** converts plaintext to ciphertext for security.
2. It uses cryptographic **algorithms** (e.g., AES, RSA) and **keys**.
3. Primary goal is to protect data from unauthorized access.
4. Reversible only through **decryption** with the proper key.

Knowledge Booster:

- (a) Decryption → Reverse process: converts ciphertext back to plaintext.
- (c) Compression → Reduces file size; data remains readable without a key.
- (d) Encoding → Transforms data for compatibility (e.g., Base64); not secure against reading.
- (e) Firewalling → Network security technique to filter traffic; not data transformation.

Q.151 Which of the following is default standard layout when adding new slides?

- A. Blank slide
- B. Title slide
- C. content slide
- D. Title and content slide
- E. None o

Answer: D

Sol: When you add a new slide in PowerPoint, the **default layout** is **"Title and Content"**. This layout includes a **title placeholder** at the top and a **content placeholder** below it, allowing you to add text, bullet points, images, tables, charts, and other media.

Important Key Points:

1. The **Title and Content** layout is designed to help users quickly create structured slides.
2. It is the most commonly used layout for presentations.
3. You can change the layout to other types (like Blank, Title Only, etc.) as needed.

Knowledge Booster:

- **(a) Blank slide:** A slide with no placeholders, used for custom designs.
- **(b) Title slide:** Typically used as the first slide in a presentation, containing only a title and subtitle.
- **(c) Content slide:** Not a standard default layout in PowerPoint.

Q.152 _____ is an application program that gathers user information and sends it to someone through the internet.

- A. Logic bomb
- B. Spybot
- C. Security Patch
- D. Virus
- E. None of the above

Answer: B

Sol: A **Spybot** is a type of **spyware** that secretly collects user data such as browsing habits, login credentials, and personal information, and transmits it over the internet without user consent. It is used for **malicious tracking or identity theft**.

Important Key Points:

- **Spyware** includes programs like **keyloggers** and **tracking software**.
- Spybot is a specific type of spyware that focuses on **stealth data gathering**.

Knowledge Booster:

- **Logic bomb** activates malicious actions under specific conditions.
- **Virus** replicates and spreads, often damaging files or systems.
- **Security patch** is a software update to fix vulnerabilities—not a threat.

Q.153 A landmark case in India's legal and medical history involved the granting of passive euthanasia to a patient in a prolonged vegetative state. Who was the first person in India to be granted passive euthanasia by a court?

- A. Harish Rana
- B. Suresh Kumar
- C. Ram Manohar
- D. Aruna Shanbaug
- E. Rakesh Sharma

Answer: A

Sol:

- **Harish Rana**, the **first person in India to be granted passive euthanasia by a court**, passed away on **24 March 2026** at the **All India Institute of Medical Sciences (AIIMS), New Delhi**.
- His case marked a **significant milestone in India's legal and medical history**, particularly concerning **end-of-life care and euthanasia laws**.
- The **31-year-old** had been in a **vegetative state since 2013**.
- He suffered **severe head injuries** after falling from a **fourth-floor balcony** while studying as a **BTech student at Panjab University**.
- For more than a decade, he survived on **artificial nutrition and intermittent oxygen support**.
- His case highlighted important issues related to **patient rights, medical ethics, and judicial intervention in passive euthanasia in India**.

Q.154 What is the new name of Jahazpur in Bhilwara district after the renaming initiative by the Rajasthan government?

- A. Rajyapur
- B. Yagyapur
- C. Dharmapur
- D. Veerapur
- E. Devgarh

Answer: B

Sol: The **Government of Rajasthan** has renamed three historically significant tourist locations as part of an effort to **highlight cultural heritage while maintaining their tourism appeal**. Under this decision:

- **Mount Abu** has been renamed **Abu Raj**.
- **Kaman** has been renamed **Kamvan**.
- **Jahazpur** has been renamed **Yagyapur**.

About the Renamed Locations:

- **Abu Raj (formerly Mount Abu):** It is the **only hill station in Rajasthan**, situated in the **Aravalli Hills** at an altitude of about **1,722 metres**.
- **Kamvan (formerly Kaman):** Located in the **Bharatpur district**, near the **Mathura–Vrindavan region**, it is known for its **association with Lord Krishna and historic temples**.
- **Yagyapur (formerly Jahazpur):** Situated in **Bhilwara district**, the area is noted for its **ancient fort and historic temple remains**.

The renaming initiative aims to **restore traditional and culturally rooted names while continuing to promote tourism in the region**.

Q.155 The WHO Foundation expanded its collaboration with which company to address cardio-renal-metabolic diseases such as obesity and diabetes?

- A. Pfizer
- B. Novartis
- C. Novo Nordisk
- D. Johnson & Johnson
- E. Roche

Answer: C

Sol: The **WHO Foundation** partnered with **Novo Nordisk** to enhance global efforts in addressing **cardio-renal-metabolic diseases**, particularly **obesity and diabetes**, by strengthening healthcare systems and preventive strategies.

Important Key Points:

1. Collaboration between **WHO Foundation and Novo Nordisk**.
2. Focus on **cardio-renal-metabolic diseases**.
3. Includes diseases like **obesity and diabetes**.
4. Aims to strengthen **global health systems**.

Knowledge Booster:

- **Novo Nordisk**, founded in **1923** and headquartered in **Denmark**, is a global leader in **diabetes care and metabolic health**.
- The **WHO Foundation** was established in **2020** to support the mission of the **World Health Organization**.

Q.156 India recently (March 2026) provided humanitarian assistance to Malawi by exporting which of the following food grains?

- A. Wheat
- B. Rice
- C. Maize
- D. Barley
- E. None of the above

Answer: B

Sol: India has provided **humanitarian assistance** to **Malawi** by dispatching **1,000 metric tons of rice** from **Nhava Sheva Port in Maharashtra**. This support aims to address **food security challenges** arising from **drought conditions caused by the El Niño climate phenomenon**, which significantly affected agricultural production in the country.

Q.157 The hill area around Kalinjar Fort, recently declared a National Geo-Heritage Site, is located in which state?

- A. Madhya Pradesh
- B. Rajasthan
- C. Uttar Pradesh
- D. Bihar
- E. Jharkhand

Answer: C

Sol: The Geological Survey of India (GSI) has declared the **hill region surrounding Kalinjar Fort** in Banda district, Uttar Pradesh, as a **National Geo-Heritage Site**.

This recognition aims to **preserve geological significance**, promote **awareness about Earth's history**, and boost **tourism and local economic development**. The site can also be linked with nearby attractions such as Khajuraho Temples and Chitrakoot to enhance regional tourism.

Q.158 Which country in the United Kingdom has recently legalised water cremation (alkaline hydrolysis) as an eco-friendly alternative for handling human remains?

- A. England
- B. Wales
- C. Scotland
- D. Northern Ireland
- E. None of the above

Answer: C

Sol: **Scotland** has become the first country in the **United Kingdom** to legalise **water cremation**, also known as **alkaline hydrolysis**. This method provides an **environmentally friendly alternative** to traditional burial and flame-based cremation.

The process involves using a **chemical solution (typically potassium hydroxide)** to decompose the body, and is often referred to as a **"green cremation"**. It is already practiced in countries such as the **Republic of Ireland** and the **United States**.

Q.159 On World Wildlife Day, the Indian Army signed a Memorandum of Understanding (MoU) with the Forest, Ecology and Environment Department of which Union Territory to promote wildlife conservation and protect the fragile high-altitude ecosystem?

- A. Jammu & Kashmir
- B. Ladakh
- C. Andaman & Nicobar Islands
- D. Lakshadweep
- E. Dadra & Nagar Haveli and Daman & Diu

Answer: B

Sol: On the occasion of **World Wildlife Day**, the **Indian Army** signed a **Memorandum of Understanding (MoU)** with the **Forest, Ecology and Environment Department of Ladakh** to strengthen efforts for **wildlife conservation and protection of Ladakh's fragile high-altitude ecosystems**.

The agreement focuses on safeguarding several important Himalayan species, including the **Snow Leopard, Himalayan Wolf, Bharal (Blue Sheep), Ibex, Marmot, and the Black-necked Crane**. The initiative aligns with the objectives of the **Global Snow Leopard and Ecosystem Protection (GSLEP) programme**, which promotes international cooperation for conserving snow leopard habitats and mountain ecosystems.

Background:

Efforts to protect snow leopards gained global momentum after **Kyrgyzstan launched an initiative in 2012** to conserve snow leopard habitats. Subsequently, the **First International Forum on Snow Leopard Conservation** was held in **Bishkek in October 2013**, where participating countries adopted the **Bishkek Declaration** and endorsed the **Global Snow Leopard and Ecosystem Protection Programme (GSLEP)**.

Q.160 What is the theme of the United Nations' International Anti-Corruption Day (IACD) for the year 2025?

- A. Transparency for Sustainable Development
- B. Ending Corruption for Inclusive Growth
- C. Youth for Ethical Governance
- D. Uniting with Youth Against Corruption: Shaping Tomorrow's Integrity
- E. Building Institutions Free from Corruption

Answer: D

Sol: The **2025 theme of International Anti-Corruption Day**, observed on **9 December**, focuses on **engaging youth as key stakeholders** in combating corruption and shaping a future grounded in **integrity, transparency, and accountability**.

Q.161 The Government of West Bengal recently signed an MoU with GIZ and SMCG for preparing a basin-based master plan for which of the following river basins?

- A. Damodar and Subarnarekha
- B. Teesta and Mahananda
- C. Ichhamati and Jalangi
- D. Hooghly and Rupnarayan
- E. None of the above

Answer: C

Sol: The **Government of West Bengal** has entered into a **Memorandum of Understanding (MoU)** with the German development agency **GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit)** and the **State Mission for Clean Ganga (SMCG)** to develop a **basin-based master plan** for the **Ichhamati and Jalangi river basins**.

This initiative was announced in the **2025–26 state budget** under the **'Nodi Bandhan' programme**, focusing on sustainable river management and ecological restoration.

- **Ichhamati River:** Originates in the **upper Ganga delta** of West Bengal and flows approximately **200 km**, partly forming the **India–Bangladesh border**.
- **Jalangi River:** A **tributary of the Ganga**, branching from the **Ganga/Padma in Bangladesh**, flowing through **Murshidabad and Nadia districts**, and joining the **Bhagirathi–Hooghly system**.

Q.162 Pi Day, celebrated annually on March 14, was first initiated in 1988 by which physicist?

- A. Isaac Newton
- B. Albert Einstein
- C. Larry Shaw
- D. Stephen Hawking
- E. Richard Feynman

Answer: C

Sol: **Pi Day 2026** is observed on **March 14** with the theme **“Mathematics and Hope.”** The celebration of Pi Day began in **1988**, initiated by physicist Larry Shaw at the San Francisco Exploratorium.
Later, in **2009**, the United States officially recognised March 14 as **National Pi Day**. Notably, this date also marks the birthday of renowned scientist Albert Einstein.

Q.163 According to the SIPRI report (2021–2025), what is India’s rank among the world’s largest importers of major arms?

- A. First
- B. Second
- C. Third
- D. Fourth
- E. None of the above

Answer: B

Sol: According to a report by the **Stockholm International Peace Research Institute (SIPRI)**, **India** continued to be the **second-largest importer of major arms globally** during the period **2021–2025**, accounting for **8.2% of global arms imports**.
The report also highlights a **decline in India’s dependence on Russian arms**, with Russia’s share falling from **70% (2011–2015) to 40% (2021–2025)**, while imports from **France and Israel have increased**. This shift reflects India’s growing focus on **defence diversification and indigenous production**.

Q.164 In the Global Terrorism Index 2026 report, India was placed at which rank, and what was the recorded percentage decrease in global terrorism deaths?

- A. 10th rank; 15% decrease
- B. 13th rank; 28% decrease
- C. 15th rank; 22% decrease
- D. 13th rank; 10% increase
- E. 8th rank; 28% decrease

Answer: B

Sol:

- The **Global Terrorism Index (GTI) 2026** has been released by the **Institute for Economics and Peace (IEP)**, a **Sydney-based independent, non-profit think tank**.
- The GTI is a **comprehensive study covering 163 countries**, representing **99.7% of the world’s population**, and analyses the **impact of terrorism globally**.
- The index uses a **scoring scale from 0 to 10**, where **0 indicates no impact of terrorism** and **10 represents the highest impact**. Based on this, countries are ranked comparatively.
- Globally, **terrorism-related deaths declined by 28%**, while **incidents decreased by 22%**, indicating an overall improvement in global trends.
- **Sub-Saharan Africa remains the epicentre of terrorism**, with **6 out of the top 10 most affected countries** located in the region.
- For the **first time, Pakistan ranked first** as the **most affected country by terrorism** in the index.
- **India is ranked 13th** in the Global Terrorism Index 2026.
- The **deadliest terrorist organisations in 2025** include:
 - **Islamic State (IS)**
 - **Jamaat Nusrat Al-Islam wal Muslimeen (JNIM)**
 - **Tehrik-e-Taliban Pakistan (TTP)**
 - **Al-Shabaab**
- Pakistan recorded **1,139 terrorism-related deaths and 1,045 incidents in 2025**, marking the **highest level since 2013**.
- The country witnessed a **6% increase in terrorism-related fatalities** and **six consecutive years of rising deaths**.
- A significant surge in **hostage-taking incidents** was observed, with victims increasing from **101 in 2024 to 655 in 2025**, largely due to the **Jaffar Express attack (442 hostages)**.
- Regions such as **Khyber Pakhtunkhwa and Balochistan** accounted for **over 74% of attacks and 67% of deaths** in Pakistan.
- Globally, countries like **Pakistan, Burkina Faso, Nigeria, Niger, and the Democratic Republic of Congo** together account for **nearly 70% of terrorism-related deaths**.
- The findings highlight **rising security challenges in certain regions**, despite an overall global decline in terrorism incidents.

Q.165 Mercor, an AI hiring platform that recently reached a \$10 billion valuation, was founded in which year?

- A. 2020
- B. 2021
- C. 2022
- D. 2023
- E. 2024

Answer: D

Sol: **Mercor**, an AI-based hiring platform founded by Brendan Foody, Adarsh Hiremath, and Surya Midha, has achieved a major milestone by raising **\$350 million in funding** and reaching a **\$10 billion valuation**, making its founders **billionaires at the age of 22**.

Founded in **2023** in **San Francisco**, Mercor aims to build a **global AI-powered labour marketplace by 2035**, connecting workers with job opportunities worldwide.

Q.166 The Roadmap for Promoting Health and Addressing Childhood Obesity in School Settings was launched under which initiative?

- A. Fit India Movement
- B. Poshan Abhiyaan
- C. Shine India Initiative
- D. Ayushman Bharat
- E. Swachh Bharat Mission

Answer: C

Sol: The roadmap to tackle **childhood obesity in school settings** was launched under the **Shine India Initiative** by the WHO Foundation, Novo Nordisk, and other partners. It aims to create **healthier school environments** and promote **preventive health measures among children**.

Important Key Points:

1. Initiative name: **Shine India Initiative**.
2. Focus: **Childhood obesity prevention**.
3. Targets **school environments in India**.
4. Promotes **healthy lifestyle practices among children**.

Knowledge Booster:

- Global **obesity rates have nearly tripled since 1975**, making it a major public health concern.
- School-based interventions are considered one of the most effective ways to promote **long-term healthy habits**.

Q.167 Prasar Bharati's platform that provides logo-free multimedia news content to media organisations, with free access extended until March 2027, is known as:

- A. SHABD
- B. NewsOnAir
- C. Bharat News Hub
- D. DigiMedia Feed
- E. IndiaCast Media

Answer: A

Sol: The platform referred to is **SHABD**, a shared news feed service launched by Prasar Bharati in **March 2024**. It enables media organisations to access **ready-to-use, logo-free audio-visual news content**, thereby supporting efficient dissemination of information across different media channels.

Important Key Points:

Knowledge Booster:

1. The platform is launched by **Prasar Bharati**.

2. It was introduced in **March 2024**.
3. Provides **logo-free multimedia news content**.
4. Free access has been extended until **March 2027**.
5. Aims to support **media organisations in news broadcasting**.

- **SHABD (Shared Hub for Audio-Visual Broadcast Dissemination)** is designed to strengthen **India's digital news distribution ecosystem**.
- NewsOnAir is another initiative by Prasar Bharati, but it is mainly used for **live streaming of radio and TV channels**, not for shared newsroom content distribution.

Q.168 The inaugural edition of the Khelo India Tribal Games officially commenced in March, 2026, in which of the following states?

- A. Jharkhand
- B. Chhattisgarh
- C. Madhya Pradesh
- D. Odisha
- E. Manipur

Answer: B

- Sol:**
- The **first edition of the Khelo India Tribal Games** began on **25 March 2026** in **Chhattisgarh** and will continue till **3 April 2026**.
 - The event was **formally inaugurated in Raipur** and will feature competitions in **seven sports disciplines**.
 - The games are being held across **three cities**:
 - **Raipur**
 - **Jagdalpur**
 - **Ambikapur**
 - The primary objective is to **provide a national-level platform for tribal youth**, enabling them to gain **recognition and opportunities in sports**.
 - The official mascot of the event is **'Morveer'**:
 - **'Mor'** means mine/our own in Chhattisgarhi
 - **'Veer'** signifies courage and valour
 - It represents the **spirit, pride, and identity of tribal communities**
 - **Chhattisgarh is the first state** to host this unique national event dedicated exclusively to **tribal athletes**.
 - The initiative marks a significant step towards **tribal empowerment and grassroots sports development**.
 - The **Khelo India Tribal Games** are part of the **Khelo India Scheme**, a flagship programme of the **Ministry of Youth Affairs & Sports**.
 - The **Khelo India Games were declared an 'Event of National Importance' in 2020** under the **Sports Broadcasting Signals (Mandatory Sharing with Prasar Bharati) Act, 2007**.
 - The event aims to promote **mass participation and excellence in sports across diverse communities**.

Q.169 In March 2026, the inaugural edition of the National Indoor Athletics Championships was launched in which of the following cities?

- A. New Delhi
- B. Guwahati
- C. Bhubaneswar
- D. Bengaluru
- E. Hyderabad

Answer: C

- Sol:**
- The **inaugural National Indoor Athletics Championships** began on **24 March 2026** at the **Kalinga Stadium, Bhubaneswar**.
 - The event marks a **new milestone for track and field sports in India**, introducing a structured indoor competition platform.
 - The **two-day championship** has attracted a total of **278 participants**, including **97 women athletes**.
 - Competitions are being held in both **senior and under-20 categories**.
 - The event aims to **strengthen India's indoor athletics ecosystem** and expand the domestic competition calendar.
 - It is designed to provide athletes with **early-season competitive exposure and performance opportunities**.

Q.170 The Union Cabinet has approved the Modified UDAN scheme with a total budgetary outlay of _____ for a period of ten years (FY 2026–27 to FY 2035–36), aiming to develop _____ airports from existing unserved airstrips to align with the Viksit Bharat 2047 vision.

- A. Rs 12,159 crore; 50
- B. Rs 28,840 crore; 100
- C. Rs 10,043 crore; 200
- D. Rs 25,770 crore; 441
- E. Rs 3,661 crore; 150

Answer: B

- Sol:**
- The **Union Cabinet**, chaired by **Prime Minister Narendra Modi**, has approved the **Modified UDAN (Regional Connectivity Scheme)**.
 - The scheme will be implemented for a period of **10 years (FY 2026–27 to FY 2035–36)** with a total outlay of **₹28,840 crore**.
 - The initiative aims to **enhance regional air connectivity** and support the vision of **Viksit Bharat 2047**.
 - Under the scheme, **100 new airports** will be developed from **existing unserved airstrips** with an outlay of **₹12,159 crore** over the next eight years.
 - To address operational challenges, **Operation & Maintenance (O&M) support** will be provided:
 - Up to **₹3.06 crore per year per airport**
 - Up to **₹0.90 crore per year per heliport/water aerodrome**
 - Total estimated support of **₹2,577 crore** for around **441 aerodromes**
 - The scheme proposes the development of **200 modern helipads** at a cost of **₹15 crore each**, amounting to **₹3,661 crore**, focusing on **hilly, remote, island, and aspirational regions**.
 - **Viability Gap Funding (VGF)** of **₹10,043 crore** will be provided over 10 years to support **airline operators** in running regional routes.
 - To promote **Atmanirbhar Bharat**, the scheme includes procurement of:
 - **2 HAL Dhruv helicopters for Pawan Hans**
 - **2 HAL Dornier aircraft for Alliance Air**
 - The original **UDAN Scheme** was launched in **October 2016** to make **air travel affordable** and improve connectivity to **Tier-2 and Tier-3 cities**.
 - The modified version aims to **strengthen regional aviation infrastructure, improve last-mile connectivity, and boost economic development in underserved areas**.

Q.171 In the context of the newly launched infrastructure monitoring portal, what does the acronym "PRISM-SG" stand for?

- A. Public Resource Integration and Steel Management System
- B. Portal for Rail-Road Inspection & Stages Management – Steel Girders
- C. Project Reporting and Infrastructure Survey Methodology – Structural Group
- D. Priority Rail-Road Integrated Safety Monitor – Steel Girders
- E. Portal for Rapid Inspection and Systematic Monitoring – Super Grids

Answer: B

- Sol:**
- On **25 March 2026**, **Union Minister for Road Transport and Highways Nitin Gadkari** and **Union Minister Ashwini Vaishnav** jointly launched the **PRISM-SG Portal** in **New Delhi**.
 - **PRISM-SG** stands for **Portal for Rail-Road Inspection & Stages Management – Steel Girders**.
 - The portal has been introduced to **enhance efficiency, transparency, and inter-agency coordination** in infrastructure development.
 - It focuses on **digitising approval and inspection processes** related to the construction of **Road Over Bridges (ROBs)**.
 - The portal incorporates features such as:
 - **Quality Assurance Plan (QAP)**
 - **Welding Procedure Specification Sheet (WPSS)**
 - **Fabrication stage inspection of steel girders**
 - It enables **end-to-end online processes**, including:
 - Submission of documents
 - Scrutiny and query resolution
 - Approvals and scheduling of inspections
 - Uploading inspection reports, photographs, and test results
 - The system provides a **complete audit trail and real-time monitoring**, improving **accountability and project management efficiency**.
 - The initiative is expected to **streamline infrastructure projects and accelerate construction timelines across the country**.

Q.172 What is the name of the festival organised at Rashtrapati Bhavan to celebrate the talent, achievements, and inclusion of Divyangjan?

- A. Samarth Utsav
- B. Purple Fest
- C. Divyang Bharat Mahotsav
- D. Inclusion Festival India
- E. Ability India Fest

Answer: B

Sol: The event organised to promote **awareness, acceptance, and inclusion of Divyangjan** is called **Purple Fest 2026**, held at **Rashtrapati Bhavan** and organised by the Ministry of Social Justice and Empowerment.

Important Key Points:

1. Event name: **Purple Fest 2026**.
2. Focus: **Inclusion of persons with disabilities**.
3. Venue: **Rashtrapati Bhavan, New Delhi**.
4. Organised by: **Ministry of Social Justice and Empowerment**.

Knowledge Booster:

- The term “**Purple**” is globally associated with **disability inclusion and empowerment**, symbolising dignity and equality.

Q.173 Which of the following individuals, featured in the Forbes 30 Under 30 Billionaires List 2026, is recognised as the youngest self-made billionaire from AI software?

- A. Surya Midha and Adarsh Hiremath
- B. Surya Midha and Nikhil Kamath
- C. Adarsh Hiremath and Adar Poonawalla
- D. Nikhil Kamath and Adar Poonawalla
- E. None of the above

Answer: A

Sol: According to the **Forbes 30 Under 30 Billionaires List 2026**, two individuals of Indian origin have been featured for their remarkable achievements in the **artificial intelligence (AI) sector**.

Surya Midha, a **22-year-old US citizen**, has a net worth of **\$2.2 billion** earned through AI software ventures. He is recognized as the **youngest self-made billionaire** and holds approximately **22% ownership stake** in his company. He was born in **California to Indian immigrant parents**.

Adarsh Hiremath, also a **22-year-old US citizen**, has a net worth of **\$2.2 billion** and is known for co-founding **Mercor**, an AI-based recruiting startup, in **2023** along with his high school friends from the Bay Area.

Q.174 Razorpay's AI-powered platform 'Agent Studio', aimed at automating payment infrastructure and financial operations, is built on which company's Claude Agent SDK?

- A. Google
- B. Microsoft
- C. Anthropic
- D. IBM
- E. Amazon

Answer: C

Sol: Razorpay launched the **AI platform 'Agent Studio'**, which is built on **Anthropic's Claude Agent SDK**. The platform uses **AI agents** to streamline **payment processing, automation, and financial workflows**, making it easier for businesses to manage transactions efficiently.

Important Key Points:

1. Platform name: **Agent Studio**.
2. Launched by: **Razorpay**.

3. Built on: **Anthropic's Claude Agent SDK**.
4. Uses **AI agents** for automation and analysis.
5. Collaborations include **OpenAI and NPCI**.

Knowledge Booster:

- AI-based payment platforms are transforming fintech by enabling **automation, fraud detection, and personalised financial services**.
- **Conversational commerce** allows users to complete transactions through **chat-based or voice-based interfaces**, improving customer experience.

Q.175 The Union Cabinet has recently approved the extension of the "Immigration, Visa, Foreigners Registration & Tracking (IVFRT)" scheme for a period of five years. What is the total budget outlay allocated for this extension spanning from 2026 to 2031?

- A. Rs 1,011 crore
- B. Rs 1,365 crore
- C. Rs 1,500 crore
- D. Rs 1,800 crore
- E. Rs 2,100 crore

Answer: D

- Sol:**
- The **Union Cabinet**, chaired by **Prime Minister Narendra Modi**, has approved the **continuation of the Immigration, Visa, Foreigners Registration & Tracking (IVFRT) Scheme**.
 - The scheme has been extended for a period of **five years**, from **1 April 2026 to 31 March 2031**, with a total outlay of **₹1,800 crore**.
 - The **IVFRT platform** aims to **integrate and streamline immigration, visa issuance, and foreigner registration processes** in India.
 - Its core objective is to **modernise immigration services** through a **secure and integrated digital framework**.
 - The scheme seeks to **facilitate legitimate travellers while strengthening national security**.
 - The IVFRT project was originally approved by the **Cabinet Committee on Economic Affairs (CCEA)** on **13 May 2010** with an outlay of **₹1,011 crore** and an initial timeline up to **September 2014**.
 - In **2015**, the outlay was revised to **₹638.90 crore**, with the timeline extended to **31 March 2017**, and later to **31 March 2021** without additional cost.
 - An expenditure of **₹613.28 crore** was incurred against the revised outlay.
 - The scheme was further extended from **1 April 2021 to 31 March 2026** with an approved outlay of **₹1,365 crore** (approved on **19 January 2022**).
 - The latest extension aims to **enhance digital governance, improve efficiency in immigration services, and strengthen border management systems in India**.

Q.176 Which bank became the first in India to launch a UPI-linked overdraft credit facility for women Self-Help Group (SHG) members in March 2026?

- A. State Bank of India
- B. Punjab National Bank
- C. Bank of Baroda
- D. Canara Bank
- E. Union Bank of India

Answer: C

Sol: Bank of Baroda Introduces UPI-Linked Credit Line for Women SHGs

In **March 2026**, **Bank of Baroda (BoB)** launched an innovative **UPI-linked overdraft (OD) facility** for verified women members of **Self-Help Groups (SHGs)** holding **Pradhan Mantri Jan Dhan Yojana (PMJDY)** accounts. With this initiative, BoB became the **first bank in India** to offer such a **digital credit solution integrated with UPI**.

Key Highlights:

- **Credit Limit:** Eligible beneficiaries can avail an overdraft of up to **₹5,000**, promoting **financial inclusion and women empowerment**.
- **Target Group:** Women SHG members with PMJDY accounts.
- **Collaborating Partners:** The initiative was implemented in collaboration with the **National Payments Corporation of India (NPCI)**, **Indian Banks' Association (IBA)**, and **Deendayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM)**.

Q.177 The "BIMSTEC Youth Heritage and Sustainability Immersion Programme" held in March 2026 was hosted by which Indian state?

- A. Odisha
- B. Uttar Pradesh
- C. Rajasthan
- D. Madhya Pradesh
- E. West Bengal

Answer: D

Sol:

- **India hosted the BIMSTEC Youth Heritage and Sustainability Immersion Programme** from **17 to 23 March 2026** in **Madhya Pradesh**.
- The programme brought together **young leaders from BIMSTEC countries** to strengthen **cultural ties and regional cooperation**.
- It aimed to promote **heritage awareness and sustainable development practices** among youth participants.
- The initiative was organised by the **Ministry of External Affairs (MEA)** in collaboration with the **Bharat Scouts and Guides**.
- It was part of the announcements made by **Prime Minister Narendra Modi** at the **6th BIMSTEC Summit**.
- The programme reflects India's efforts to **enhance youth engagement and people-to-people connectivity within the BIMSTEC region**.

Q.178 According to recent data, India's exports of Active Pharmaceutical Ingredients (APIs) in FY2025 approximately stood at:

- A. ₹35,000 crore
- B. ₹39,215 crore
- C. ₹41,500 crore
- D. ₹45,000 crore
- E. ₹50,000 crore

Answer: C

Sol: In FY2025, India's **API exports** were reported at approximately **₹41,500 crore**, which exceeded imports of about **₹39,215 crore**. This reflects India's growing **self-reliance and strength in pharmaceutical manufacturing**, supported by government initiatives like the **PLI Scheme**.

Important Key Points:

1. API exports in FY2025: **₹41,500 crore**.
2. API imports: **₹39,215 crore**.
3. Exports **exceeded imports**.
4. China's share in imports: **74% (2024-25)**.
5. Government support through **PLI Scheme (₹6,940 crore outlay)**.

Knowledge Booster:

- **Active Pharmaceutical Ingredients (APIs)** are the **key components** in drugs responsible for therapeutic effects.
- The **PLI Scheme** aims to strengthen **domestic manufacturing capacity**, reduce **import dependence**, and ensure **drug security** in India.

Q.179 The GI-tagged Karbi Anglong ginger, recently exported to London, belongs to which Indian state?

- A. Meghalaya
- B. Assam
- C. Nagaland
- D. Manipur
- E. None of the above

Answer: B

Sol: The **Agricultural and Processed Food Products Export Development Authority (APEDA)** facilitated the **first export of 1.2 metric tons of GI-tagged Karbi Anglong ginger from Assam to London**. This initiative aims to promote **India's Geographical Indication (GI) agricultural products** in international markets.

The export was carried out in collaboration with the **Assam State Agriculture Department** under the **Ministry of Commerce and Industry**. Notably, **Karbi Anglong ginger** was granted **GI status in 2015**.

Q.180 Which Regional Rural Bank (RRB) was recently honored with the National Award for Outstanding Performance in SHG-Bank Linkage for the fiscal year 2024-25?

- A. Kerala Gramin Bank
- B. Karnataka Grameena Bank
- C. Prathama UP Gramin Bank
- D. Baroda Rajasthan Kshetriya Gramin Bank
- E. Andhra Pragathi Grameena Bank

Answer: B

Sol:

- **Karnataka Grameena Bank** has been selected for the **National Award for Outstanding Performance in SHG-Bank Linkage** for the year **2024-25**.
- The award has been conferred by the **Union Ministry of Rural Development**.
- The recognition highlights the bank's **exceptional contribution in promoting Self-Help Group (SHG)-Bank Linkage programmes**.

Q.181 In a key diplomatic reshuffle, the Government of India has appointed a senior IFS officer as the next Ambassador to China, replacing the incumbent envoy. Who has been appointed as India's new Ambassador to China?

- A. Harsh Vardhan Shringla
- B. Vikram K. Doraiswami
- C. Taranjit Singh Sandhu
- D. Vinay Mohan Kwatra
- E. Sanjay Verma

Answer: B

Sol:

- **Vikram K. Doraiswami (IFS: 1992 batch)** has been appointed as the **next Ambassador of India to the People's Republic of China**.
- He is currently serving as the **High Commissioner of India to the United Kingdom**.
- With this appointment, he will take over the role from **Pradeep Kumar Rawat**, the outgoing Ambassador to China.
- Vikram Doraiswami is a **senior Indian Foreign Service officer** with extensive diplomatic experience.
- His appointment comes at a time when **India-China diplomatic relations remain strategically significant**.

Q.182 Iran has appointed a new Secretary of its Supreme National Security Council following the death of the previous incumbent in March, 2026. Who has been appointed to this position?

- A. Ali Larijani
- B. Ebrahim Raisi
- C. Masoud Pezeshkian
- D. Hassan Rouhani
- E. Mohammad Bagher Zolghadr

Answer: E

Sol:

- **Mohammad Bagher Zolghadr**, a former commander of Iran's **Islamic Revolutionary Guard Corps (IRGC)**, has been appointed as the **Secretary (Chief) of the Supreme National Security Council (SNSC)**.
- He replaces **Ali Larijani**, who was killed in a **targeted airstrike**.
- The appointment was **approved by Iran's Supreme Leader (Mojtaba Khamenei)** and formally **decreed by President Masoud Pezeshkian on 24 March 2026**.
- Zolghadr currently serves as the **Secretary of the Expediency Discernment Council**, an important advisory body to Iran's leadership.

Q.183 Which companies partnered to launch India's first Integrated Conversion-to-Completion stack for D2C brands?

- A. Razorpay and Shiprocket
- B. PhonePe and Pine Labs
- C. PayU and GoKwik
- D. Cashfree and Delhivery
- E. None of the above

Answer: C

Sol: The integrated solution was launched through a partnership between PayU and GoKwik. This collaboration combines **payment infrastructure** with **conversion optimisation tools**, enabling D2C brands to streamline checkout, reduce cart abandonment, and improve overall transaction success rates.

Important Key Points:

1. First **Integrated Conversion-to-Completion stack** for D2C brands in India.
2. Partnership between **PayU and GoKwik**.
3. Focus on improving **checkout efficiency**.
4. Aims to increase **payment success rates**.
5. Helps reduce **payment failures and cart abandonment**.

Knowledge Booster:

- **D2C (Direct-to-Consumer)** brands sell products directly to customers without intermediaries, making **checkout optimisation critical** for revenue growth.
- Integration of **payments + conversion tools** is a growing trend in fintech to enhance **customer experience and business performance**.

Q.184 What is a Mutual Fund Folio?

- A. A document showing mutual fund returns
- B. A unique account number assigned to an investor by a mutual fund house
- C. A type of mutual fund scheme
- D. A certificate issued by SEBI
- E. None of the above

Answer: B

N/A

Q.185 The Global Conference on Women in Agri-Food Systems 2026, inaugurated by the President of India, was held in which city?

- A. Mumbai
- B. Hyderabad
- C. New Delhi
- D. Bengaluru
- E. Chennai

Answer: C

Sol: The **Global Conference on Women in Agri-Food Systems 2026** was inaugurated in **New Delhi** by the President of India, Droupadi Murmu, with the objective of **enhancing women's participation and leadership in agriculture and allied sectors**. The conference was held at the ICAR Convention Centre from **March 12 to March 14, 2026**, under the theme **"Driving Progress, Attaining New Heights"**, and witnessed participation from **18 countries**.

The event highlighted various government initiatives such as the Deendayal Antyodaya Yojana – National Rural Livelihood Mission, which has mobilised **over 10 crore women through Self-Help Groups**, and the **Lakshmi Didi initiative**, aiming to empower women economically. It also reflected the growing role of women in agriculture, research, and financial inclusion.

Q.186 Recently, in March, 2026, Scientists from the Botanical Survey of India (BSI) recently identified a new species of wild kiwi in Arunachal Pradesh. What is the official scientific name assigned to this species?

- A. Actinidia chinensis
- B. Actinidia indica
- C. Actinidia deliciosa
- D. Actinidia arunachalensis
- E. Actinidia bsi-flora

Answer: B

Sol:

- Scientists from the **Botanical Survey of India (BSI)** have discovered a **new species of wild kiwi** named **Actinidia indica**.
- The new species belongs to the **Actinidiaceae family**.
- It has been identified in the **state of Arunachal Pradesh**, a region known for its rich biodiversity.

Q.187 During Digital Payments Awareness Week 2026, the RBI launched a pilot 'Awareness Program on Digital Payments' in which state?

- A. Gujarat
- B. Maharashtra
- C. Karnataka
- D. Tamil Nadu
- E. Uttar Pradesh

Answer: B

Sol: The Reserve Bank of India is observing the **6th edition of Digital Payments Awareness Week** from **March 9 to 13, 2026**. This annual initiative aims to promote **safe, secure, and accessible digital payment practices** across India, with a special focus on **rural and semi-urban regions** through awareness and outreach programmes. The campaign was first introduced in **2021**.

As part of this initiative, the RBI has launched a **multi-media awareness campaign titled "Thoda Dhyan Se"**, encouraging users to remain **vigilant while conducting online transactions** and to adopt safe digital practices.

Further, during the awareness week, RBI initiated a **pilot programme on digital payment awareness in Maharashtra** in collaboration with CSC e-Governance Services India Limited. This programme aims to reach around **10 lakh participants** in rural and semi-urban areas through **Village Level Entrepreneurs (VLEs)** by conducting **in-person awareness sessions**.

Additionally, this initiative aligns with the broader **"Har Payment Digital" mission**, launched in **2023**, which seeks to make **every individual in India a digital payment user** by promoting widespread adoption of digital financial services.

Important Key Points:

1. Observed by **RBI** from **March 9–13, 2026**.
2. Focus on **safe and accessible digital payments**.
3. Special emphasis on **rural and semi-urban areas**.
4. Campaign: **"Thoda Dhyan Se"** for transaction safety.
5. Pilot programme in **Maharashtra** with **CSC e-Governance Services India Ltd.**
6. Target outreach: **10 lakh participants** via **VLEs**.
7. Linked with **"Har Payment Digital" mission (2023)**.

Knowledge Booster:

- Digital payment awareness initiatives help reduce **fraud risks** and improve **financial inclusion**.
- Campaigns like these support India's transition towards a **less-cash and digitally empowered economy**.

Q.188 The “Lodge and Launch” framework, proposed in March 2026 to speed up approvals for Alternative Investment Fund (AIF) schemes, has been introduced by which regulatory body?

- A. Reserve Bank of India
- B. Securities and Exchange Board of India
- C. Insurance Regulatory and Development Authority of India
- D. Pension Fund Regulatory and Development Authority
- E. Ministry of Finance

Answer: B

Sol: The Securities and Exchange Board of India (SEBI) is considering a new “Lodge and Launch” framework for **Alternative Investment Funds (AIFs)** to **speed up the approval process for new investment schemes** and enhance **ease of doing business**. The proposal was announced by SEBI Chairman Tuhin Kanta Pandey in **March 2026**.

This initiative aims to streamline regulatory procedures in response to the rapid expansion of the AIF sector, which now includes **over 1,700 registered entities** with commitments of around **₹15.74 trillion (as of December 2025)**.

Key Features of the “Lodge and Launch” Proposal:

- **Faster Approvals:** Reduces the time required for launching new AIF schemes.
- **Outsourced Due Diligence:** Allows reliance on **merchant bankers’ due diligence certificates** instead of full regulatory scrutiny in certain cases.
- **Manager Responsibility:** For schemes targeting **accredited investors**, compliance and disclosures shift to the **AIF manager**, enabling a **light-touch regulatory approach**.
- **Industry Consultation:** SEBI will engage with stakeholders before final implementation.

Context and Objectives:

- Addresses the **rising volume of AIF applications**.
- Aims to **reduce approval backlogs** and accelerate **capital mobilisation**.
- Focuses on strengthening the **accredited investor ecosystem**, which accounts for about **30% of AIF investments (as of Feb 2026)**.
- Despite easing processes, SEBI emphasises **strict governance, transparency, and valuation discipline**, especially for **illiquid assets**.

Other Recent AIF Regulatory Updates (March 2026):

1. **Simplified Reporting:** Introduction of an **Annual Activity Report** (due by May 31) replacing detailed quarterly filings.
2. **Social Media Compliance:** From **May 1, 2026**, AIFs must display their **SEBI registration details** on social media platforms.

Important Key Points:

1. Proposal by **SEBI** under Chairman **Tuhin Kanta Pandey**.
2. Framework: “**Lodge and Launch**” for AIFs.
3. Objective: **Faster approvals & ease of doing business**.
4. Sector size: **1,700+ AIFs, ₹15.74 trillion commitments**.
5. Focus on **accredited investors and regulatory efficiency**.

Knowledge Booster:

- **Alternative Investment Funds (AIFs)** include investments like **private equity, venture capital, hedge funds, and infrastructure funds**.
- The “Lodge and Launch” model reflects a shift toward **trust-based regulation**, balancing **speed with accountability** in financial markets.

Q.189 The “Har Payment Digital” mission, aimed at making every person in India a user of digital payments, was launched in which year?

- A. 2020
- B. 2021
- C. 2022

- D. 2023
- E. 2024

Answer: D

Sol: The “**Har Payment Digital**” mission was launched in **2023** with the objective of promoting **universal adoption of digital payments** across India, ensuring financial inclusion and reducing reliance on cash.

Important Key Points:

1. Initiative: **Har Payment Digital mission.**
2. Launched in **2023.**
3. Objective: **Universal digital payment adoption.**
4. Focus: **Financial inclusion and digital economy.**

Knowledge Booster:

- Digital payment initiatives support India’s vision of a **cashless economy.**
- They enhance **transparency, efficiency, and financial access**, especially in rural areas.

Q.190 Who was honoured with an honorary doctorate by the Kalinga Institute of Industrial Technology and received the KISS Humanitarian Award 2025 in Bhubaneswar?

- A. Sudha Murty
- B. Nita Ambani
- C. Indra Nooyi
- D. Kiran Mazumdar-Shaw
- E. None of the above

Answer: B

Sol: **Nita Ambani** was honoured with an **honorary doctorate** and the **KISS Humanitarian Award 2025** in **Bhubaneswar**.

These recognitions acknowledge her significant contributions to **education, healthcare, sports, and community development**, reflecting her role in **nation-building initiatives**.

The honorary doctorate was conferred by the **Kalinga Institute of Industrial Technology**, while the Humanitarian Award was presented by the **Kalinga Institute of Social Sciences**.

Q.191 The Structured Financial Messaging System (SFMS) is primarily used for which of the following purposes?

- A. Providing loans to foreign banks
- B. Facilitating secure financial transaction messaging as an alternative to SWIFT
- C. Managing stock market trading platforms
- D. Issuing digital currency in India
- E. None of the above

Answer: B

Sol: The **SFMS** is a **secure financial messaging platform developed in India** to handle **interbank communications and transaction messages**. It is being promoted as a **domestic and potential global alternative to SWIFT**, aligning with India’s goal of strengthening **financial sovereignty and reducing external dependency**.

Q.192 What are Basel Norms?

- A. National tax policies for banks

- B. International banking regulations prescribing minimum capital requirements for banks
- C. Guidelines for stock market trading
- D. Rules for foreign exchange reserves only
- E. None of the above

Answer: B

Sol: **Basel Norms** are global banking standards formulated by the **Basel Committee on Banking Supervision**. They require banks to maintain **adequate capital reserves** to manage risks such as credit, market, and operational risks. In India, these norms are enforced by the **RBI** through **capital adequacy requirements**, ensuring banks remain stable and capable of protecting depositors' money.

Important Key Points:

1. Developed by **Basel Committee on Banking Supervision**.
2. Focus on **capital adequacy and risk management**.
3. Ensure **financial stability of banks**.
4. Implemented in India by **RBI**.
5. Protect **depositors and banking system** from financial shocks.

Knowledge Booster:

- The Basel framework has evolved through **Basel I, Basel II, and Basel III**, each strengthening **risk management and capital requirements**.
- **Capital Adequacy Ratio (CAR)** is a key metric under Basel norms that measures a bank's **capital relative to its risk-weighted assets**.

Q.193 Who won the Polly Umrigar Award for Best International Cricketer (Men) at the BCCI Naman Awards 2026?

- A. Rohit Sharma
- B. Virat Kohli
- C. Shubman Gill
- D. KL Rahul
- E. Hardik Pandya

Answer: C

Sol: **BCCI Naman Awards 2026: Lifetime Honours Conferred on Roger Binny, Rahul Dravid, and Mithali Raj**

In **March 2026**, the **Board of Control for Cricket in India (BCCI)** organised the **Naman Awards 2026** in **New Delhi**, recognising exceptional performances and contributions to Indian cricket during the **2024–25 season**.

Key Highlights:

- **Lifetime Achievement Awards:**
 - **Roger Binny** and **Rahul Dravid** were honoured with the prestigious **Colonel C. K. Nayudu Lifetime Achievement Award**.
 - **Mithali Raj** received the **Lifetime Achievement Award (Women)** for her outstanding contribution to women's cricket.
- **Other Major Awards:**
 - **Shubman Gill:** Polly Umrigar Award for Best International Cricketer (Men)
 - **Smriti Mandhana:** Best International Cricketer (Women) (5th time)
 - **Shafali Verma:** Jagmohan Dalmiya Trophy (Domestic)
 - **Best Debut:** Harshit Rana (Men), N Sree Charani (Women)
 - **Top Bowler (Women ODIs):** Deepti Sharma

Conclusion:

The awards highlight **excellence across international and domestic cricket**, celebrating both **legendary careers and emerging talent**.

Q.194 India's first LPG ATM, launched in March 2026 in Gurugram under the 'BharatGas Insta LPG' pilot project, was introduced by which organisation?

- A. Indian Oil Corporation Limited (IOCL)
- B. Oil and Natural Gas Corporation (ONGC)
- C. Hindustan Petroleum Corporation Limited (HPCL)
- D. GAIL (India) Limited
- E. Bharat Petroleum Corporation Limited (BPCL)

Answer: E

Sol: BPCL Introduces India's First LPG ATM in Gurugram

In **March 2026**, **Bharat Petroleum Corporation Limited (BPCL)**, a **Maharatna Public Sector Undertaking** under the **Ministry of Petroleum and Natural Gas (MoPNG)**, launched **India's first Liquefied Petroleum Gas (LPG) ATM** in **Gurugram, Haryana**, at **Central Park Flower Valley, Sector 33, Sohna**.

This initiative is part of BPCL's pilot project named '**BharatGas Insta LPG**', aimed at introducing **automated LPG distribution systems** in urban areas.

Key Features of the LPG ATM:

- **Objective:** To ensure **24x7, safe, and quick access** to LPG, especially during supply disruptions such as global crises.
- **Digital Operation:** Customers authenticate using their **registered mobile number and OTP**, scan the **barcode/QR code** on the empty cylinder, and complete payment via **UPI or debit card**.
- **Cylinder Type:** Provides **lightweight composite cylinders (~15 kg)** compared to traditional iron cylinders (~31 kg).
- **Capacity:** The machine can store up to **10 cylinders**, with automatic alerts sent for refilling when stock falls below **two cylinders**.

Q.195 The Reserve Bank of India (RBI) received the 'Initiative of the Year' award from Central Banking for launching which of the following domains?

- A. .rbi.in
- B. .bank.in
- C. .finance.in
- D. .securebank.in
- E. .govbank.in

Answer: B

Sol: The **Reserve Bank of India (RBI)** has been honoured with the '**Initiative of the Year**' award by **Central Banking**, an international organisation and publication focused on central banking systems. This recognition was awarded for the launch of the **".bank.in" domain**, introduced in **February 2025**.

The **".bank.in" domain** is exclusively designated for **licensed banks in India**, with the objective of enhancing **digital security**. It helps users easily identify **authentic banking websites**, thereby reducing the risk of **fraud, phishing attacks, and misuse of bank identities**. The initiative is being implemented in a **phased manner**, with a defined deadline for banks to adopt the new domain.

Q.196 The term 'Bull' and 'Bear' are most commonly used in which segment of the Indian financial market?

- A. Foreign Exchange Market
- B. Commodity Market
- C. Stock Market
- D. Insurance Market
- E. Real Estate Market

Answer: C

Sol: Explanation:

The terms '**Bull**' and '**Bear**' are used to describe the general sentiment or direction of the **Stock Market**.

- **Bull Market:** This refers to a market that is on the rise. A "Bull" investor is optimistic and believes stock prices will go up. The term comes from the way a bull attacks—by thrusting its horns **upward** into the air.
- **Bear Market:** This refers to a market where prices are falling and widespread pessimism causes the stock prices to decline. A "Bear" investor is cautious or negative. The term comes from the way a bear attacks—by swiping its paws **downward**.

Q.197 Which film received the highest number of nominations (16) at the Oscars 2026?

- A. One Battle After Another
- B. Sinners
- C. Hamnet
- D. The Crown of Fire
- E. Midnight Tale

Answer: B

Sol: 98th Academy Awards (Oscars 2026): "One Battle After Another" Dominates with Six Awards

The **98th Academy Awards (Oscars 2026)**, organized by the **Academy of Motion Picture Arts and Sciences (AMPAS)**, were held on **15 March 2026** at the **Dolby Theatre, Hollywood, Los Angeles (USA)**. The ceremony recognized excellence in films released in **2025** across **24 award categories**.

Key Highlights:

- **Biggest Winner:**
The film **"One Battle After Another"**, directed by **Paul Thomas Anderson**, emerged as the top winner, securing **six Oscars**, including **Best Picture, Best Director, Best Supporting Actor (Sean Penn), Best Adapted Screenplay, Best Film Editing, and Best Casting**.
- **Highest Nominations:**
The film **"Sinners"** received the **maximum 16 nominations**, making it the most nominated film of the year.
- **New Category Introduced:**
A new award category, **"Achievement in Casting"**, was introduced. **Cassandra Kulukundis** won the inaugural award for **"One Battle After Another."**
- **Major Acting Awards:**
 - **Best Actor:** Michael B. Jordan (*Sinners*)
 - **Best Actress:** Jessie Buckley (*Hamnet*), becoming the **first Irish actress** to win this award
- **Indian Representation:**
Priyanka Chopra, along with **Javier Bardem**, presented the **Best International Feature Film** award.

Conclusion:

The Oscars 2026 highlighted **cinematic excellence, new categories, and global participation**, with "One Battle After Another" leading the awards tally.

Q.198 The South Pars gas field is one of the most significant energy assets globally due to its massive reserves and production capacity. With which country does Iran share the South Pars gas field?

- A. Saudi Arabia
- B. UAE
- C. Qatar
- D. Oman
- E. Kuwait

Answer: C

Sol: • In **March 2026**, **Israel carried out a strike on Iran's South Pars natural gas field**, a key offshore energy installation.

- The **South Pars gas field** is located in the **Persian Gulf**.
- It accounts for **up to three-fourths of Iran's total natural gas production**, making it critically important to the country's energy sector.
- The field is **jointly shared between Iran and Qatar**.
- South Pars is regarded as the **world's largest natural gas field**.
- The reservoir is estimated to contain around **1,800 trillion cubic feet of usable gas**.
- This volume is sufficient to **meet global gas demand for approximately 13 years**.

Q.199 Which organisation has collaborated with Mission Karmayogi to provide upskilling courses for civil servants through the iGOT platform?

- A. UdeMy
- B. Coursera
- C. edX
- D. LinkedIn Learning
- E. None of the above

Answer: B

Sol: Coursera has partnered with **Mission Karmayogi** to offer **skill development courses** for **civil servants and government officials**. These courses will be delivered through the **Integrated Government Online Training (iGOT) platform**, aiming to enhance **administrative efficiency and public service delivery**.

Q.200 Recently, the Union Home Minister unveiled the mascots for Census 2027 in New Delhi, marking a step towards modernising enumeration through digital tools. What is the name of the female mascot launched for Census 2027?

- A. Pragati
- B. Unnati
- C. Apeksha
- D. Sankhya
- E. JanSankhya

Answer: A

Sol: The Central Government notified its intent to conduct Census 2027 through a Gazette Notification on 16th June 2025, formally commencing the Census process. Census-2027, to be conducted in 2 phases, is the **world's largest census exercise**. For the first time, the Census will be **conducted digitally**, and for the first time, the option of Self-Enumeration will be available. For Census 2027, the Government of India unveiled **two mascots — "Pragati" (female) and "Vikas" (male)** — symbolising progress and development. The initiative also included the launch of digital tools developed by C-DAC to streamline enumeration.

About Census in India:

- Conducted under the **Census Act, 1948**.
 - It is a **decennial exercise** (held every 10 years).
 - Conducted by the **Office of the Registrar General and Census Commissioner of India** under the **Ministry of Home Affairs**.
 - The last Census was conducted in **2011**; the 2021 Census was delayed due to CoVID-19.
 - Provides crucial data for **policy planning, resource allocation, and governance**.
 - The first census in India was conducted in **1872**.
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