

**IBPS RRB PO Mains Previous Year Paper 2022**

**Directions (1-4):** Read the given information carefully and answer the questions based on it:

Seven persons named T, G, H, Y, D, K and L deposit some amount of money (in rupees; integer value) (but not in the same order as given) on different days of the week from Monday to Sunday to their bank accounts. No person deposit same amount of money.

More than three persons deposit between K and D and one of them deposits the lowest money. Average of the highest and lowest sum of money is rupees 1625 which is rupees 25 more than the money deposited by T who deposits just after K. Equal number of persons deposited the money before and after T and G respectively and ratio between the money of T and G is 10:7. The money deposited on Friday is highest but not deposited by Y and H. Money deposited on Monday is thrice the difference between the money deposited on Wednesday and Saturday. The number of persons deposit money before H is less than the number of persons deposit money after H and his money is rupees 20 less than the money deposited on Tuesday. One of the persons deposits rupees 1050. Ratio between the money deposited on Thursday and Sunday is 6:5 respectively.

**Q1. What is the difference between the money deposited by Y and K?**

- (a) Rupees 480
- (b) Rupees 220
- (c) Rupees 120
- (d) Rupees 210
- (e) None of these

**Q2. On which of the following day, the third highest amount of money is deposited?**

- (a) Tuesday
- (b) Thursday
- (c) Monday
- (d) Wednesday
- (e) None of these

**Q3. Which of the following persons deposited money just before H?**

- (a) T
- (b) G
- (c) The one who deposits four days before L
- (d) None of these
- (e) The one who deposited money on Thursday

**Q4. Four of the following five are similar in a certain manner and related to a group, which among the following does not belong to the group?**

- (a) K-H
- (b) Y-G
- (c) L-D
- (d) T-Y
- (e) K-Y

**Directions (5-8):** In each question, some statements are showing relationship between different elements and are followed by two conclusions. Assuming the given statements are true, now find out which of the two conclusion(s) is/are definitely true.

**Q5.**

**Statements:**

$V=K>M=E\geq R, E<W=Q\leq S=H$

**Conclusions:**

I.  $K<S$

II.  $V\geq H$

- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Neither I nor II is true
- (e) Both I and II are true

**Q6.**

**Statements:**

$P<B\leq T<C, L\geq P=V\geq S\geq F=R$

**Conclusions:**

I.  $C>F$

II.  $S\leq T$

- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Neither I nor II is true
- (e) Both I and II are true

**Q7.**

**Statements:**

$B=A\geq C=D, W=P\geq X=C>Z, S<H<J=Z$

**Conclusions:**

I.  $B>H$

II.  $S<W$

- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Neither I nor II is true
- (e) Both I and II are true

**Q8.**

**Statements:**

$V\geq S=G\geq C\leq H=J\leq N, L>C=A$

**Conclusions:**

I.  $L>J$

II.  $V\leq J$



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- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Neither I nor II is true
- (e) Both I and II are true

**Directions (9-12):** 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 example of rearrangement.

**Input:** 47 audio dictum 99 crore 65 glossy myth 12 83

Step I: 99 47 audio crore 65 glossy myth 12 83 dictum

Step II: glossy 99 47 audio crore 65 myth 12 dictum 83

Step III: 65 glossy 99 47 audio myth 12 dictum 83 crore

Step IV: audio 65 glossy 99 myth 12 dictum 83 crore 47

Step V: 12 audio 65 glossy 99 dictum 83 crore 47 myth

Step V is the last and final step of the given input. With the same logic, find the steps and final output for the input given below.

**Input:** 23 47 model 52 reader 66 travel egg 31 answer

**Q9. Which of the following element is 3<sup>rd</sup> to the left of 9<sup>th</sup> element from left end in penultimate step?**

- (a) 23
- (b) Travel
- (c) Reader
- (d) 66
- (e) None of these

**Q10. How many elements are in between 'model' and '52' in step II?**

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) None of these

**Q11. What is the highest consonant in the 2<sup>nd</sup> word from right end in last step?**

- (a) W
- (b) M
- (c) V
- (d) R
- (e) None of these

**Q12. In which of the following step 'travel 31 reader' is found in the same manner?**

- (a) Step IV
- (b) Step II
- (c) Step III
- (d) Step V
- (e) There is no such step

**Q13. India is the world's most populous democracy and will, by 2030, be the most populous country, overtaking China. And it is young — there are more Indian 10-year-olds than there are Australians. With more than a dozen distinct languages, scripts and religions, India is multiculturalism on the grandest scale.**

**Which of the following is not in the line of given statement?**

- (I) Australia will be the most popular study destination for Indian students.
  - (II) India is the cradle of the human race, the birth place of human speech, the mother of history, the grandmother of legend, and the great grandmother of tradition.
  - (III) In India there is a political equality which provides for the participation of all people without any discrimination as to gender, race, caste and colour.
- (a) Only II and III
  - (b) Only III
  - (c) Only I and III
  - (d) Only I
  - (e) All I, II and III

**Q14. The collapse of a great wall of garbage in east Delhi's Ghazipur area, sweeping people and vehicles into a nearby canal, is a stark reminder that India's neglected waste management crisis can have deadly consequences. More than a year after the notification of the much-delayed Solid Waste Management Rules, cities and towns are in no position to comply with its stipulations, beginning with the segregation of different kinds of waste at source and their scientific processing. What may be the fallout of laxity towards waste management?**

- (I) Organic Waste should use to make affordable household biogas plants and production of methane for power generation.
  - (II) Waste materials can worsen air pollution level due to which people will face issue in breathing.
  - (III) Supreme court comes in action after PIL has been filed by group of peoples in Delhi.
- (a) Only I and III
  - (b) Only II and III
  - (c) Only II
  - (d) Only III
  - (e) None of them

**Q15. In an eight-floor building where floors are numbered as 1 to 8 from bottom to top respectively, C lives on 5<sup>th</sup> floor. Three persons live between C and A who lives six floors below E. N lives just below G but above V. R lives above U. Find how many persons live between U and A?**

- (a) Five
- (b) Six
- (c) Three
- (d) Two
- (e) Four

**Directions (16-19): Read the given information carefully and answer the questions based on it:**

Riya and Mohan leave their homes and visit the temple where they meet each other. Riya left her home and walks 26m in west to reach point P. Here, she takes two consecutive right turns of 12m and 18m and reaching point Q and point R respectively. From point R, she turns 90 degrees anticlockwise and reached point S after walking 14m. Now, she turns right and reached point T after walking 50m. Here, she takes a right tuns and walks 26m to reach point U which is 22m east of temple.

Mohan left his home and walks 34m in north to reach point A. Here, he takes two consecutive left turns of 21m and 17m and reached point B and point C respectively. From point C, he turns right and walks 32m to reach point D and from here, he walks 10m towards north to reach point E. Now, he turns right and walks 20m to reach point F which is 17m south of temple.

**Q16. What is the difference between the distances covered by Riya and Mohan from their houses to temple?**

- (a) 27m
- (b) 20m
- (c) 17m
- (d) 24m
- (e) None of these

**Q17. In which direction is point S with respect to point B?**

- (a) South-east
- (b) West
- (c) North-west
- (d) South
- (e) None of these

**Q18. What is the distance and direction of Riya's home with respect to temple?**

- (a) 14m, south-west
- (b) 18m, west
- (c) 20m, north-west
- (d) 20m, west
- (e) None of these

**Q19. Four of the following five pairs are similar in a certain manner and forms a group, which of the following is dissimilar from the group?**

- (a) P-T
- (b) D-temple
- (c) C-U
- (d) Q-Mohan's home
- (e) F-B

**Q20. The Delhi International Airport Limited (DIAL) has said that the random testing for corona will be carried out in coming week on passengers coming from states where the cases are increasing. "After collection of samples, the travelers would be allowed to exit. However, those passengers who are found positive, shall be mandatorily quarantined as per the protocol of ministry of health and family welfare.**

**Which of the following can be assumed from the above statement?**

- (I) Corona cases may increase in upcoming week.
  - (II) Delhi Government will announce for lockdown in the state.
  - (III) Domestic and International flights will be temporarily shut down within a month.
- (a) Only II and III
  - (b) Only III
  - (c) Only I and III
  - (d) Only II
  - (e) Only I

**Q21. Most of the competitive examinations are in objective nature have several advantages over the subjective ones. Evaluation of subjective type involves human elements and therefore sometimes subject to vagaries. Assessment of subjective needs good subjective knowledge while objective has the advantage of almost error free evaluation. Negative marking in objective evaluation is good for examination system.**

**Which of the following diminish the advantage of objective assessment over subjective one?**

- (I) The subjective types are bound to have human error.
  - (II) Subjective evaluation takes more time in assessment as compare to objective one.
  - (III) A fortunate person can get good marks in just guessing the answer instead of negative marking in objective test.
- (a) Only I and III
  - (b) Only II
  - (c) Only I
  - (d) Only III
  - (e) All of three

**Directions (22-25): Study the following information carefully and answer the questions given below:**

Eight persons- P, Q, R, S, T, U, V and W work in a company at different designations - General Manager (GM), Managing director (MD), Deputy General Manager (DGM), Assistant General Manager (AGM), Manager (MG), Assistant Manager (AM), Section Officer (SO), and Clerk (CL). The designations are given in descending order such that - GM is the senior-most designation and Clerk is the junior-most designation. Each of them likes different fruits- Mango, banana, Kiwi, Orange, grapes, Papaya, Pears and Apricot. All the information is not necessarily in the same order.

The one who likes orange is three designations senior to U. Neither DGM nor AGM likes orange. Three persons are designated between T and U. The one who likes Kiwi is immediately senior to the one who likes Grapes. T is junior to the one who likes Kiwi. Not more than four persons are designated between U and the one who likes Kiwi. Odd number of designations are in between U and the one who likes grapes. V is three designations senior to the one who likes Grapes. The one who likes Apricot is junior to V and immediately senior to P. At least one person is designated between P and U. The one who likes Pears is two designations senior to the one who likes Banana. R is immediately senior to the one who likes Banana. S neither likes Orange nor likes Pears. The one who likes Mango is senior to the one who likes Papaya. Q is senior to W who is junior to the one who likes Mango.

**Q22. Who among the following likes Papaya?**

- (a) The one who is clerk
- (b) S
- (c) P
- (d) The one who is Section Officer
- (e) Q

**Q23. How many persons are designated between V and the one who is immediately senior to the one who likes Banana?**

- (a) Four
- (b) Two
- (c) Five
- (d) Three
- (e) Six

**Q24. Which among the following statement(s) is/are true?**

- (a) More than two designations gap is between V and the one who likes Kiwi
- (b) U is senior to Q
- (c) W likes Grapes
- (d) Q is just junior to W
- (e) All are true

**Q25. If S is related to the one who likes Grapes in the similar way P is related to the one who likes Orange, then who among the following is related to the one who likes Pears?**

- (a) T
- (b) S
- (c) U
- (d) W
- (e) R

**Directions (26-28): Study the following information carefully and answer the questions given below:**

In a family of 10 members there are three generations. Y is daughter-in-law of K's only sibling. U is brother-in-law of K. J is parent of K. Z is brother-in-law of J and vice versa. K is niece of X who is not sibling of Z. Z is unmarried member of the family. V is sibling of U. K is not spouse of V. Gender of U and W is same but different from T. R is elder than T. Number of females are more than number of males.

**Q26. How V is related to T?**

- (a) Brother-in-law
- (b) Brother
- (c) Sister-in-law
- (d) Nephew
- (e) Uncle



**Q27. Who among the following is the grandchild of J?**

- (a) Y
- (b) The one who is spouse of T
- (c) The one who is niece of X
- (d) The one who is nephew of V
- (e) K

**Q28. What is the ratio of male to female members in the family?**

- (a) 2:3
- (b) 3:2
- (c) 4:1
- (d) 1:4
- (e) 3:7

**Q29.** If in the given number “6493781539” the first five digits are arranged in ascending order from left to right then the last five digits are arranged in descending order from left to right then what will be the resultant value when the digit which is fifth from the left end is divided by the digit which is second from the right end in the number thus formed after the arrangement?

- (a) 2
- (b) 3
- (c) 7
- (d) 4
- (e) 1

**Directions (30-31):** Most of the competitive examinations are in objective nature have several advantages over the subjective ones. Evaluation of subjective type involves human elements and therefore sometimes subject to vagaries. Assessment of subjective needs good subjective knowledge while objective has the advantage of almost error free evaluation. Negative marking in objective evaluation is good for examination system.

**Q30.** What can be inferred from the word “vagaries” used in given statement?

- (a) Evaluation being error-ridden
- (b) That which cannot be controlled and can influence a situation
- (c) Mistakes in evaluating a specific paper
- (d) Both (a) and (b)
- (e) Both (b) and (c)

**Q31.** Which among the following inference can best attributed on the basis of given statement?

- (I) Purpose of Examinations
  - (II) Advantages of objective evaluation
  - (III) Positives of the negatives
  - (IV) Subjective over objective
- (a) Only I and IV
  - (b) Only III
  - (c) Only II and III
  - (d) Only IV
  - (e) Only II and IV

**Directions (32-35):** In each of the questions given below four statements are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known facts.

**Q32. Statements:**

- Only a few food is fresh
- Some frame is not flop
- All fresh is frame
- Some flip is flop

**Conclusions:**

- I. All food can never be flop
- II. Some fresh being flip is a possibility
- III. All frame can be food
- (a) Both I and II
- (b) Both II and III
- (c) Only III
- (d) Both I and III
- (e) None follows

**Q33. Statements:**

- Only winter is summer
- Only a few spring is winter
- No rainy is spring
- Some rainy is autumn

**Conclusions:**

- I. Some summer is not autumn
- II. All autumn can never be spring
- III. All winter being rainy is a possibility
- (a) Both I and II
- (b) Both II and III
- (c) Only III
- (d) Both I and III
- (e) None follows

**Q34. Statements:**

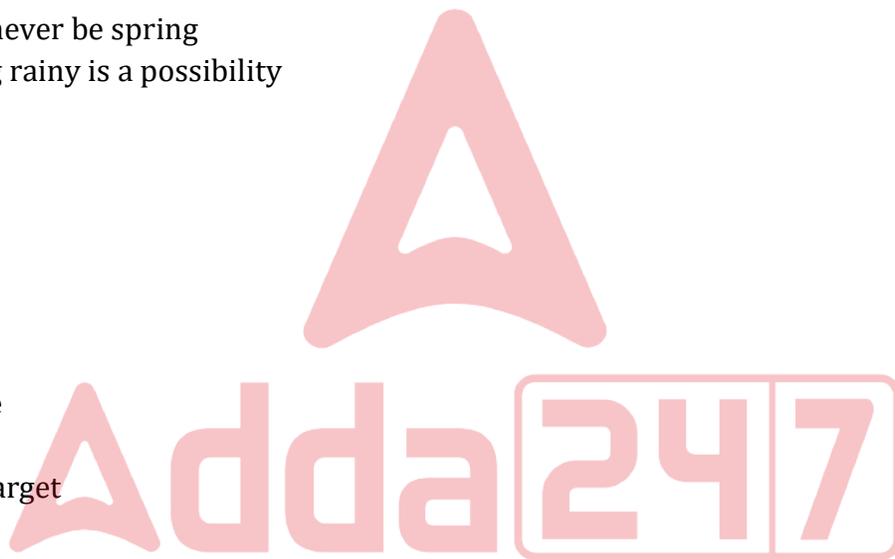
- All dream are mare
- Some mare is risk
- Only a few risk is target
- All risk is rank

**Conclusions:**

- I. All rank being target is a possibility
- II. Some dream is not risk
- III. All rank can be mare
- (a) Both I and II
- (b) Both II and III
- (c) Only III
- (d) Both I and III
- (e) All follow

**Q35. Statements:**

- No red is yellow
- All red is white
- Only a few black is white
- Some black is blue



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**Conclusions:**

- I. All blue being red is a possibility
  - II. Some white is not black
  - III. Some yellow being blue is not a possibility
- (a) Both I and II
  - (b) Both II and III
  - (c) Only III
  - (d) Both I and III
  - (e) Only I

**Q36. In each of the questions given below four statements are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically doesn't follow from the given statements disregarding commonly known facts.**

**Statements:**

- Only a few sheet is bag
- All paper is bag
- No pen is paper
- Some sheet is not scale

**Conclusions:**

- I. All sheet can never be scale
  - II. All bag being pen is a possibility
  - III. Some sheet is not bag
- (a) Only I
  - (b) Both II and III
  - (c) Only II
  - (d) Both I and III
  - (e) Only III



**Directions (37-40): Study the following information carefully and answer the questions given below:**

Ten persons sit in two parallel rows such that five persons sit in each row. In row 1- P, Q, R, S and T sit and all of them face south direction while in row 2- A, B, C, D and E sit and all of them face north direction. Persons sit in row 1 face the persons sit in row 2 and vice versa. Each of them likes different colours- Pink, Blue, Red, Green, Yellow, Grey, Black, White, Magenta, and Cyan. All the information is not necessarily in the same order.

The one who likes pink faces the one who sits second to the left of C. T sits immediate right of the one who likes pink. Two persons sit between T and the one who likes blue. B sits second to the left of A and doesn't face T. The one who likes magenta is the only immediate neighbor of B. D sits second to the left of the one who faces S. Three persons sit between the one who likes grey and yellow. The one who likes green faces the one who likes yellow. The one who likes cyan sits adjacent to R. Q sits adjacent to T and to the left of P. The one who likes black sits adjacent to the one who likes red. The one who likes white faces the one who is an immediate neighbor of the one who likes red.

**Q37. Who among the following likes Magenta colour?**

- (a) B
- (b) D
- (c) P
- (d) Q
- (e) S

**Q38. Which among the following statement(s) is/are true?**

- (a) R sits to the left of the one who likes Pink colour
- (b) More than two persons sit between R and P
- (c) Q sits exactly at the middle of row 1
- (d) T faces D
- (e) All are true

**Q39. Four of the following five belong to a group in a certain way, who among the following does not belong to that group?**

- (a) The one who likes red colour
- (b) The one who likes blue colour
- (c) B
- (d) P
- (e) The one who likes grey colour

**Q40. If all the persons sit in alphabetical order (position of colours remains same) from left to right in row 1 then who among the following person likes white colour?**

- (a) P
- (b) Q
- (c) S
- (d) R
- (e) T

**Directions (41-45):** The table given below shows total number of HR, the ratio of HR to Finance employees and the difference between HR and Finance employees in four (P, Q, R & T) different companies. Read the data carefully and answer the questions.

Companies	Number of HR	HR: Finance	Difference between HR and Finance
P	L+300	4:7	330
Q	M	3:5	240
R	500	A:B	100
S	$N^2 + 380$	8:5	480

**Q41. In company P, total number of females are  $27\frac{3}{11}\%$  and the ratio of female to male employees in finance is 2:5. Find the male employees in HR is what percentage of total number of finance employees in company Q.**

- (a) 55%
- (b) 45%
- (c) 49%
- (d) 44%
- (e) 66%

**Q42.** In company S, total number of HR who are promoted is 30% of the total number of HR employees and the ratio of HR who get transferred to the resigned is 5:3 respectively. In finance, total number of promoted and resigned employees are same and the employees who were transfer are 300. Find the difference between total employees who get transferred and who get promoted in company S.

- (a) 255
- (b) 245
- (c) 257
- (d) 226
- (e) 266

**Q43.** In company R, the number of HR is more than the finance employees and the ratio of intern to regular employees in HR and finance department is 2:3 and 1:1 respectively. Find the total number of interns in company R.

- (a) 400
- (b) 375
- (c) 450
- (d) 350
- (e) 300

**Q44.**

Find the value of  $\left(\frac{L}{2} + 2M - (M \div N)\right)$ .

- (a) 755
- (b) 778
- (c) 765
- (d) 776
- (e) 766

**Q45.**

In company Q, the total number of female HR are equal to  $(9 \times N)$  and the male employees in Finance department is  $\left(\frac{3L+M}{N}\right) \times 10$ . Find the total number of male employees in HR are how much less than total number of female employees in finance department.

- (a) 250
- (b) 245
- (c) 230
- (d) 220
- (e) 260

**Q46.** A mixture contains 60 liters of pure milk. 10 liters of milk is taken out and 25 liters of water is added to the mixture. Again 60% of mixture is taken out and 40 liters mixture of milk and juice is added. If in the mixture of milk and juice contains 60% milk, then find the ratio of milk, water and juice in the resultant mixture.

- (a) 22:5:8
- (b) 21:5:8
- (c) 23:5:8
- (d) 19:5:8
- (e) 18:5:8

**Q47.** A spend 20% of monthly income on house rent. From the remaining, he spends Rs. R on travelling. Out of the remaining, the amount he saves and amount he spend on food are in the ratio of 3:2 respectively. If the amount spend on house rent is Rs.4000 less than the amount he saves and his monthly income Rs.25000, then find R.

- (a) 7200
- (b) 4800
- (c) 4000
- (d) 5000
- (e) 6000

**Q48.** A bag contains 6 white balloons and 4 black balloons. Find the probability of drawing a white balloon and a black balloon from the bag.

- (a) 1/15
- (b) 7/15
- (c) 2/15
- (d) 8/15
- (e) 11/15

**Q49.** Volume of a cone is  $40 \text{ cm}^3$  more than that of a cuboid. Radius and height of the cone are 7 cm and 12 cm respectively. If the length of cuboid is equal to the height of the cone and the breadth and the height of the cuboid are H cm and (H - 2) cm respectively, then find the breadth of the cuboid.

- (a) 8
- (b) 6
- (c) 12
- (d) 16
- (e) 4

**Q50.** There are two articles A and B. Marked price of A is 50% more than that of article B, cost price of A is equal to the marked price of B and A is sold at 25% profit and B is sold at 25% loss. If the discount given on A and B are Rs.1200 and Rs.1800 respectively, then find the cost price of B.

- (a) Rs.7200
- (b) Rs.4800
- (c) Rs.4000
- (d) Rs.5000
- (e) Rs.6000

**Q51.** Train A starts from Patna at 5:00 AM for Delhi. Train B starts from Delhi at 7:00 AM for Patna. Distance between Delhi and Patna is 720 km. Speed of train B is 60 km/hr. Train A can cross a pole in 30 sec. Find the time at which both trains will meet?

- (a) 9 AM
- (b) 10:30 AM
- (c) 1:30 PM
- (d) 1 PM
- (e) 10 AM

**Q52. P and Q started a business with an investment of Rs.8000 and Rs.X respectively. After six months, R joined them with Rs. (X - 1000). At the end of the year the profit of P is 160% of the profit of R. Find the value of X.**

- (a) Rs.12200
- (b) Rs.11000
- (c) Rs.14000
- (d) Rs.15000
- (e) Rs.14500

**Q53. A sum of Rs.X invested at compound interest at 20% for three years and the amount received from it was Rs.3456. If  $\text{Rs.}\frac{3}{2}X$  is invested at simple interest at 12% for 15 years, then find the Simple interest received.**

- (a) Rs.2200
- (b) Rs.5400
- (c) Rs.4400
- (d) Rs.5500
- (e) Rs.1450

**Directions (54-56): The following questions are accompanied by two statements (I) and (II). You have to determine which statement(s) is/are sufficient/necessary to answer the questions.**

**Q54. A path of X meter width is carved around a rectangular field in which length of the field is 5 meters more than the breadth. Find X.**

**Statement I.** There is a square whose side is 5 meters less than breadth of the rectangle and area of square is  $50 \text{ m}^2$  less than area of the rectangle.

**Statement II.** Total cost of construction of path is Rs.7000 and rate of the construction of path per square meter is Rs.20.

- (a) Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.
- (b) Statement (II) alone is sufficient to answer the question but statement (I) alone is not 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) Either statement (I) or statement (II) is sufficient to answer the question.
- (e) Statements (I) and (II) together are not sufficient to answer the question.

**Q55. A, B and C started a business in partnership with Rs. (P - 500), (P + 100) and (P + 700) respectively. Find the value of P. Investment time is equal for all three.**

**Statement I -** Ratio between investment of A and C is 5: 9.

**Statement II -** If total profit is 210% of the value of P and profit share of C was (P- 200).

- (a) Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.
- (b) Statement (II) alone is sufficient to answer the question but statement (I) alone is not 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) Either statement (I) or statement (II) is sufficient to answer the question.
- (e) Statements (I) and (II) together are not sufficient to answer the question.

**Q56. Ratio of cost prices of three articles A, B and C is 8: 5 : 3 respectively. The articles A, B & C are marked up by 80%, 60% & 40% respectively. Find the cost price of C.**

**Statement I:** The ratio of selling prices of A, B and C is 10: 7: 13.

**Statement II:** The total profit earned on the three articles is Rs.120 less than the total discount given on the three articles.

- (a) Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.
- (b) Statement (II) alone is sufficient to answer the question but statement (I) alone is not 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) Either statement (I) or statement (II) is sufficient to answer the question.
- (e) Statements (I) and (II) together are not sufficient to answer the question.

**Directions (57-61): Read the information carefully and answer the following questions.**

There are three types of coins i.e., gold, silver and copper in each of the three bags P, Q & R. The total number of coins in the bags is 1510. The total number of coins in bag P is 580 and the total number of coins in bag Q is 510. The ratio between number of copper coins in P to Copper coins in Q to Gold coins in R is 3:2:4. The number of silver coins in bag Q is 60 more than the number of copper coins in the same bag. The number of gold coins in bag Q is 25% less than the number of silver coins in bag P. Total number of gold coins in all three bags is 570. The ratio of the total number of copper coins in all three bags and the total number of silver coins in all three bags is 20:27.

**Q57. Find the ratio of total number silver coins in bag P and Q together to total number of copper coins in all the bags.**

- (a) 23:20
- (b) 20:23
- (c) 24:23
- (d) 23:24
- (e) 21:22



**Q58. Find the average number of silver coins in Q, golden coins in R and copper coins in P.**

- (a) 200
- (b) 240
- (c) 230
- (d) 250
- (e) 180

**Q59. Total coins in R is what percentage of total number of copper coins in all the bags.**

- (a) 155%
- (b) 105%
- (c) 125%
- (d) 100%
- (e) 166%

**Q60.** In bag D, total number of coins are 75% more than copper coins in Q and total number of silver and copper coin in bag D is same. If the gold coin is 15 less than that of copper coins in D, then find the total number of gold coins.

- (a) 70
- (b) 40
- (c) 60
- (d) 50
- (e) 80

**Q61.** Find the number of copper coins in bag R.

- (a) 100
- (b) 140
- (c) 130
- (d) 150
- (e) 180

**Directions (62-66):** What will come in the place of question (?) mark in following number series:

**Q62.** 100, 152, 382, 1339, ?, 33153.25

- (a) 6025.75
- (b) 6025.05
- (c) 6025
- (d) 6027.5
- (e) 6025.25

**Q63.** 80, 45, 50, 80, 165, ?

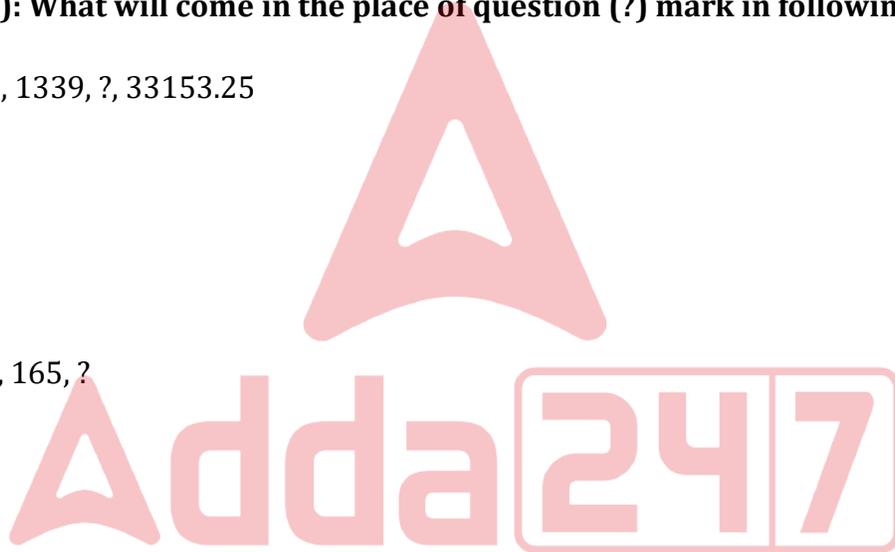
- (a) 417.5
- (b) 412.5
- (c) 435.5
- (d) 478
- (e) 417

**Q64.** 10, 34, 66, 108, 162, ?

- (a) 270
- (b) 240
- (c) 230
- (d) 236
- (e) 239

**Q65.** 15, ?, 1279, 7679, 30719, 61439

- (a) 159
- (b) 155
- (c) 150
- (d) 160
- (e) 165



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**Q66.** 33, ?, 176, 224, 259, 283

- (a) 101
- (b) 122
- (c) 133
- (d) 157
- (e) 113

**Directions (67-71):** In the given 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.

**Q67.** A, B and C are three two digits natural numbers where unit digit of each number is odd and tens digit is even (A and C are the largest and smallest two digits numbers respectively.)

**Quantity I-** If all the numbers are divided by 2 then, find the sum of remainders.

**Quantity II-** Average of A, B & C is 51. Find the sum of digits of B.

- (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

**Q68.** Area of a Rhombus is  $240 \text{ cm}^2$  and one of the diagonals of the rhombus is 24 cm.

**Quantity I:** If the area of the rhombus is  $20 \text{ cm}^2$  less than the area of a rectangle and the length of the rectangle is equal to one of the diagonals of the rhombus, then find the breadth of the rectangle (length and breadth is a non-decimal number).

**Quantity II:** Side of Rhombus.

- (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

**Q69.**

**Quantity I:** If P, Q, R are three consecutive whole numbers such that  $P + Q + R = 6$ , then  $4(2x)^Q - 96x^P + 18(2)^R = 0$

**Quantity II:**  $3y^2 - 13y + 12 = 0$

- (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

**Q70. A bag contains four yellow toffees, Z black toffees and five grey toffees. If one toffee drawn at random probability of being grey is  $\frac{1}{3}$ .**

**Quantity I.  $\frac{7}{29}$**

**Quantity II.** If two toffees taken out from the bag at random, then what will be the probability of that two toffees are black toffees.

- (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

**Q71. A boat sails down the river for 10 km and then up the river for 6 km. The speed of the river is 1 km/hr.**

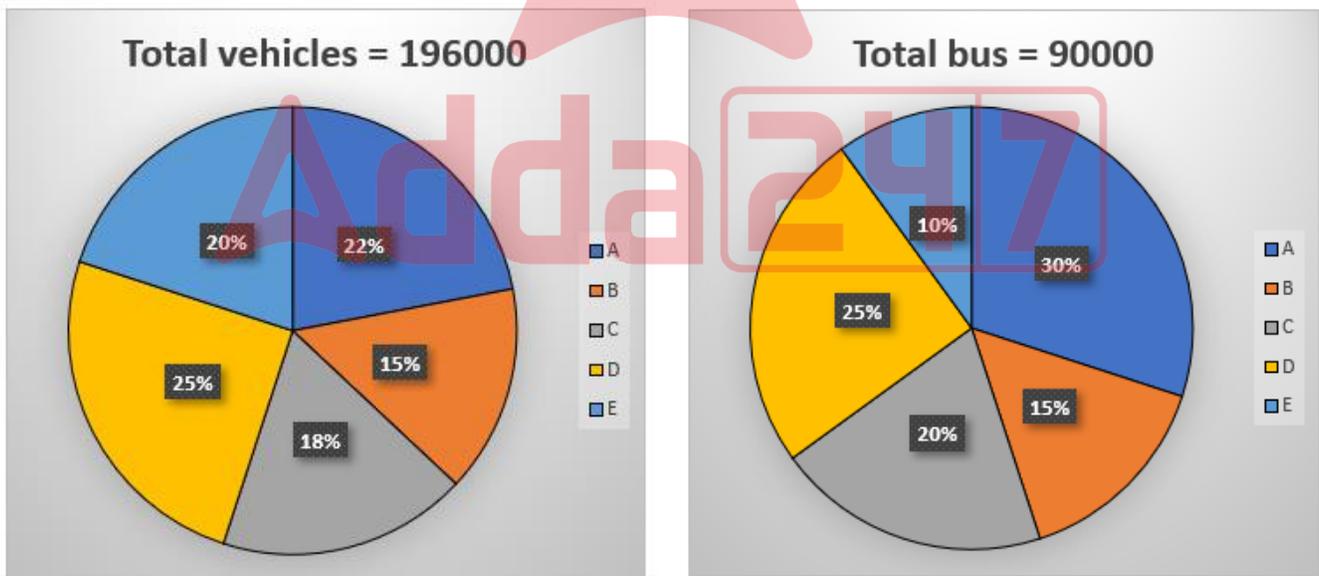
**Quantity I:** If the whole trip takes four hours, then find the speed of boat in still water (in kmph).

**Quantity II:** 4 km/hr.

- (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

**Directions (72-76):** Pie chart (i) shows the percentage distribution of total number of vehicles manufactured by five different companies. Pie chart (ii) shows the percentage distribution of total number of busses manufactured by each company.

**Note:** Total number of vehicles manufactured = Number of busses manufactured + Number of cars manufactured.



**Q72. Total number of busses manufactured by Z is 60% of total buses manufactured by B. Find the ratio of total buses manufactured by company Z to the total bus manufactured by all companies.**

- (a) 9:100
- (b) 100:9
- (c) 241:213
- (d) 24:23
- (e) 21:22

**Q73. Out of the total vehicles manufactured by company D and E, 30% and 40% of the vehicles were damaged respectively. Find the total damaged vehicles of both the company.**

- (a) 20300
- (b) 30240
- (c) 30230
- (d) 30380
- (e) 18000

**Q74. If company Z manufactured 20% more vehicles than that of D and ratio of Buses to cars manufactured by company Z is 2:3 respectively, then find the total cars manufactured by company Z.**

- (a) 15300
- (b) 22400
- (c) 30120
- (d) 35280
- (e) 28000

**Q75. Total number of cars manufacture by B is approximately what percentage of total number of buses manufacture by A (approx.)?**

- (a) 59%
- (b) 50%
- (c) 25%
- (d) 65%
- (e) 80%

**Q76. Company F, manufactured cars equal to busses manufactured by E and 60% of the vehicles are busses. Find the total number of vehicles manufactured by company F.**

- (a) 12200
- (b) 30540
- (c) 25500
- (d) 22500
- (e) 25000

**Directions (77-80): In the given questions, two equations (I) and (II) are given. You have to solve both the equations and mark the answer accordingly.**

**Q77.**

**I.**  $x^2 - 9x + 20 = 0$

**II.**  $3y^2 - 16y + 16 = 0$

- (a)  $x < y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x > y$
- (e)  $x = y$  or no relation.

**Q78.**

**I.**  $12x^2 - 43x + 35 = 0$

**II.**  $10y^2 - 37y + 30 = 0$

- (a)  $x < y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x > y$
- (e)  $x = y$  or no relation.

**Q79.**

**I.**  $14x^2 + 31x + 6 = 0$

**II.**  $6y^2 + 29y + 35 = 0$

- (a)  $x < y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x > y$
- (e)  $x = y$  or no relation.

**Q80.**

**I.**  $(x + 12)^2 = 7x + 72$

**II.**  $(y + 9)^2 = 4y + 33$

- (a)  $x < y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x > y$
- (e)  $x = y$  or no relation.

**Directions (81-86):** Read the given passage and answer the following questions based on that

A popular theme at seminars this autumn is de-colonisation. The concept notes explaining the theme treat it like a new deodorant — much required and expected to cure a chronic problem for good. Not that earlier generations had ignored it, but perhaps they lacked determination and **propitious** circumstances. The urge to undo the various legacies of colonisation was always there. Why the previous struggles failed arouses little curiosity in today's crusaders against the colonial mindset. As an ideology, colonialism has an inbuilt device to deal with reactive moods of the colonised. These moods vary according to economic and political seasons. Citizens of former colonies typically feel more comfortable when they are passing through a good phase of their collective economic life. Conversely, they get twitchy when growth slows down. Another mood swinger is politics. The colonial phase of history is a great political resource. In a multi-party system, it is easy to **invoke** the ghost of colonial legacy. Once aroused, the ghost performs reliable tricks to attract public attention.

De-colonisation received a major official push in several African colonies after they \_\_\_\_\_ freedom. In education, language was a focus area, but the choice did not prove wise. Entrenched social inequalities came in the way of ideal goals. In India, we have experienced this trajectory several times over, but the fascination of radical stances has not diminished. Removal of English is a big draw among political parties which promise to exorcise India's mind, body and soul from the ghost of colonialism. Alas, among the youth, English shows no sign of becoming unpopular. As Snigdha Poonam has documented in her remarkable study of provincial youth culture, 'spoken English' has emerged as a major component of the coaching industry.

**Q81.** As per the passage, why do generations vary in their propensity for resentment towards colonial mindset?

- (a) People slowly find their way to deal with it; either by adaptation or through complete renunciation.
- (b) With generations, people tend to become more acclimatized to colonization or colonial mindset
- (c) Resentment against colonial mindset only excites when the political and economical situation is not agreeable to the people
- (d) None of these
- (e) All of these

**Q82.** Why does de-colonization fail to achieve the optimum result in the colonized countries?

- (a) The sociocultural milieu of the colonized is ingrained with radical colonial beliefs.
- (b) In the process of decolonization of the education system, language failed to emancipate itself from the colonial hegemony
- (c) People of the colonized countries are inclined towards the seemingly flamboyant colonial culture.
- (d) Only (a) and (b)
- (e) Only (b) and (c)

**Q83.** Which of the following options is/are TRUE with regarding to the passage?

- (A) The dominance of English-speaking course has pervaded the Indian coaching industry.
- (B) Many political parties designed the agendas around the prevalence of English language in Indian society
- (C) The Indian society has always seen an aggressive opposition against Colonization.
- (a) Only (A)
- (b) Only (B), and (A)
- (c) Only (C)
- (d) Only (A) and (C)
- (e) All of these

**Q84.** Which of the following words can fit into the given blank in the passage?

- (a) attained
- (b) dejected
- (c) flourished
- (d) synchronized
- (e) trailed

**Q85.** Which of the following words is the synonym of “propitious” as highlighted in the passage?

- (a) achromatic
- (b) opportune
- (c) succinct
- (d) Dismal
- (e) All of these

**Q86.** Which of the following words is the antonym of “invoke” as mentioned in the passage?

- (a) beseech
- (b) supplicate
- (c) solicit
- (d) discourage
- (e) None of these

**Directions (87-92):** In the given passage, few words have been highlighted, which may or may not be correctly used. Choose the word corresponding to each serial number that can replace the highlighted word without altering the intended meaning. If the highlighted word is correctly placed, then choose “No replacement needed” as your answer choice.

**Q87.** The Reserve Bank of India’s (RBI) concept note on central bank digital currency (CBDC) and its plans to start pilot launches of this digital form of currency notes is a/an **residual (87)** point in the financial sector. This is because CBDCs will substantially change the very nature of money and its functions. It will also redefine the financial **arbitrage (88)** of the economy and alter the ways of conducting monetary policy. In short, it is a game changer that will significantly alter the financial landscape even more substantially than the **introduction (89)** of credit and debit cards in the 1950s.

A major attribute of the CBDC is its offline features that would make it possible to use it in **peril (90)** locations and even when electrical power or mobile networks are not available. This offers great potential for **upheaving (91)** payment costs and reaching banking facilities to the disadvantaged and the unbanked. The offline functionality can also gather digital **space (92)** of the unbanked population and help ensure easier delivery of credit.

- (a) depletion
- (b) inflexion
- (c) cherished
- (d) staggered
- (e) No replacement needed

**Q88.** The Reserve Bank of India’s (RBI) concept note on central bank digital currency (CBDC) and its plans to start pilot launches of this digital form of currency notes is a/an **residual (87)** point in the financial sector. This is because CBDCs will substantially change the very nature of money and its functions. It will also redefine the financial **arbitrage (88)** of the economy and alter the ways of conducting monetary policy. In short, it is a game changer that will significantly alter the financial landscape even more substantially than the **introduction (89)** of credit and debit cards in the 1950s.

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- (a) peripheral
- (b) landscape
- (c) level
- (d) protocol
- (e) No replacement needed

**Q89.** The Reserve Bank of India’s (RBI) concept note on central bank digital currency (CBDC) and its plans to start pilot launches of this digital form of currency notes is a/an **residual (87)** point in the financial sector. This is because CBDCs will substantially change the very nature of money and its functions. It will also redefine the financial **arbitrage (88)** of the economy and alter the ways of conducting monetary policy. In short, it is a game changer that will significantly alter the financial landscape even more substantially than the **introduction (89)** of credit and debit cards in the 1950s.

A major attribute of the CBDC is its offline features that would make it possible to use it in **peril (90)** locations and even when electrical power or mobile networks are not available. This offers great potential for **upheaving (91)** payment costs and reaching banking facilities to the disadvantaged and the unbanked. The offline functionality can also gather digital **space (92)** of the unbanked population and help ensure easier delivery of credit.

- (a) impulse
- (b) conclusion
- (c) deviation
- (d) impart
- (e) No replacement needed

**Q90.** The Reserve Bank of India's (RBI) concept note on central bank digital currency (CBDC) and its plans to start pilot launches of this digital form of currency notes is a/an **residual (87)** point in the financial sector. This is because CBDCs will substantially change the very nature of money and its functions. It will also redefine the financial **arbitrage (88)** of the economy and alter the ways of conducting monetary policy. In short, it is a game changer that will significantly alter the financial landscape even more substantially than the **introduction (89)** of credit and debit cards in the 1950s.

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- (a) divertive
- (b) resistant
- (c) affluent
- (d) remote
- (e) No replacement needed

**Q91.** The Reserve Bank of India's (RBI) concept note on central bank digital currency (CBDC) and its plans to start pilot launches of this digital form of currency notes is a/an **residual (87)** point in the financial sector. This is because CBDCs will substantially change the very nature of money and its functions. It will also redefine the financial **arbitrage (88)** of the economy and alter the ways of conducting monetary policy. In short, it is a game changer that will significantly alter the financial landscape even more substantially than the **introduction (89)** of credit and debit cards in the 1950s.

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- (a) saturating
- (b) diversifying
- (c) reducing
- (d) distancing
- (e) No replacement needed

**Q92.** The Reserve Bank of India's (RBI) concept note on central bank digital currency (CBDC) and its plans to start pilot launches of this digital form of currency notes is a/an **residual (87)** point in the financial sector. This is because CBDCs will substantially change the very nature of money and its functions. It will also redefine the financial **arbitrage (88)** of the economy and alter the ways of conducting monetary policy. In short, it is a game changer that will significantly alter the financial landscape even more substantially than the **introduction (89)** of credit and debit cards in the 1950s.

A major attribute of the CBDC is its offline features that would make it possible to use it in **peril (90)** locations and even when electrical power or mobile networks are not available. This offers great potential for **upheaving (91)** payment costs and reaching banking facilities to the disadvantaged and the unbanked. The offline functionality can also gather digital **space (92)** of the unbanked population and help ensure easier delivery of credit.

- (a) footprint
- (b) validity
- (c) transition
- (d) sampling
- (e) No replacement needed

**Directions (93- 99): Read the given passage to answer the following questions.**

Globally, food and nutrition security continue to be undermined by the impacts of the COVID-19 pandemic, climate change, spiralling food inflation, conflict, and inequality. Today, around 828 million people worldwide do not have enough to eat and over 50 million people are facing **severe** hunger.

The Hunger Hotspots Outlook (2022-23) forebodes escalating hunger, as over 205 million people across 45 countries will need emergency food assistance to survive. Without food and nutrition security for all, there can be no peace and no prosperity. Only through collective and transformational action to strengthen agri-food systems, rectifying storage problem, through better production, better nutrition, a better environment, and a better life, can we meet our promise to end hunger by 2030.

\_\_\_\_\_ food production is fundamental to attaining the goal of zero hunger. India has had an inspiring journey towards better production and achieving self-sufficiency and is now one of the largest agricultural product exporters in the world. During 2021-22, the country recorded \$49.6 billion in total agriculture exports — a 20% increase from 2020-21. However, recent climate shocks have raised concerns about India's wheat and rice production over the next year. Given climate shocks and extreme weather phenomena, it is important to place a greater focus on climate adaptation and resilience building.

India's agriculture sector primarily exports agriculture and allied products, marine products, plantations, and textile and allied products. Rice, sugar, and spices were some of the main exports. India is also a provider of humanitarian food products, notably to Afghanistan, and to many other countries when the world faces food supply shortages and disruptions, such as during the current crisis in Ukraine. Agri-food systems will need to provide for and sustainably support an increasing population. In the current times, there is an increased recognition to move away from **conventional** input-intensive agriculture towards more inclusive, effective, and sustainable agri-food systems that would facilitate better production.

**Q93.** Which of the following(s) is/are the assured steps to end the global hunger?

- (a) Through intensive and collaborative measures to improve agriculture-based production
- (b) By addressing the needs to improvise environment and nutrition.
- (c) Interventions to solve storage requirements
- (d) Only (a) and (b)
- (e) All of these

**Q94.** Which of the information is FALSE with regarding to the data given in the passage?

- (a) A combination of conflict, the climate crisis, and the ripple effects of COVID-19 have left the world losing progress in the fight for Zero Hunger.
- (b) The Hunger Hotspots Outlook (2022-23) estimated over 200 million people in around 45 countries require urgent food security
- (c) It is imperative to put an end to hunger and nutrition deficiencies to achieve global peace and prosperity.
- (d) India saw a substantial jump of 25% in the export of the year 2021-22 comparative to its previous year.
- (e) None of these

**Q95.** What is the condition of export in India?

- (a) Indian export industry mainly deals around agriculture and marine productions and their allied activities.
- (b) India has also contributed its part in aiding food requirements led by the ongoing global crisis.
- (c) Rice, sugar and spices are some of the major components of Indian export
- (d) Only (a) and (c)
- (e) All of these

**Q96.** As per the passage, what should be the required step(s) for India in ensuring food security for its people?

- (a) India should allot more funds into the government backed hunger defying projects.
- (b) India should incorporate extreme climate resilient methods to combat any future anomalies.
- (c) India must ask for funds to global agencies in order to end hunger in the wake of ongoing global disasters
- (d) Only (a) and (b)
- (e) All of these

**Q97.** Which of the following words can fit into the given blank in the passage?

- (a) leverage
- (b) abysmal
- (c) Adequate
- (d) apparent
- (e) relinquished

**Q98.** Which of the following is the antonym of “severe” as highlighted in the passage?

- (a) oppressive
- (b) lenient
- (c) rigid
- (d) austere
- (e) None of these

**Q99.** Which of the following is the synonym of “conventional” as highlighted in the passage?

- (a) nascent
- (b) flamboyant
- (c) vogue
- (d) traditional
- (e) All of these

**Directions (100-104):** Two columns are given with few sentences/phrases in each which are grammatically correct and meaningful. Connect them in the best possible way without changing the intended meaning. Choose the best possible combination as your answer accordingly from the options to form a correct, coherent sentence.

**Q100. COLUMN I**

- (A) But nothing seems to dissuade Russian President Vladimir Putin's revisionist
- (B) Despite widespread global condemnation
- (C) When Indira Gandhi returned to power, in 1980

**COLUMN II**

- (D) Moscow brazenly continues with its illegal military offensive against Kyiv
- (E) a Department of Environment was established at the Centre
- (F) military battle to defend its sovereignty but is also using all possible levers

- (a) Only (A)-(D) and (C)-(F)
- (b) Only (C)-(F)
- (c) Only (B)-(D) and (C)-(E)
- (d) Only (A)-(D)
- (e) None of these

**Q101. COLUMN I**

- (A) In the last two years, India has achieved the dubious distinction of
- (B) It will be unfair to our children if we simply move on
- (C) It needs no reiteration that, in the last two years

**COLUMN II**

- (D) remained sub-optimal and science communication, almost always delayed
- (E) becoming the country with the second longest COVID-19 pandemic-linked school closure in the world
- (F) already wide educational inequities have only widened further.

- (a) Only (A)-(E) and (C)-(F)
- (b) Only (C)-(F)
- (c) Only (B)-(D) and (C)-(E)
- (d) Only (A)-(D)
- (e) None of these

**Q102. COLUMN I**

- (A) India's missile incident has highlighted the sorry state of
- (B) We reach those in need even in the most remote areas
- (C) 60 percent of the world's hungry people live in zones affected by conflict

**COLUMN II**

- (D) bilateral mechanisms it has with Pakistan for crisis management
- (E) which is the main driver in 8 out of 10 of the worst hunger crises
- (F) the handling and even the engineering of high-technology weapon systems in India

- (a) Only (A)-(D) and (C)-(E)
- (b) Only (A)-(F)
- (c) Only (B)-(D) and (C)-(F)
- (d) Only (B)-(F)
- (e) None of these

**Q103. COLUMN I**

- (A) Distinguishing it from constitutional political secularism
- (B) Local markets with short supply chains
- (C) As a child of the republic founded in 1950

**COLUMN II**

- (D) find a reasonable way through complex issues
- (E) on which of these enhances our constitutional commitment
- (F) have shown their worth during Covid-19 lockdowns.

- (a) Only (A)-(D) and (C)-(E)
- (b) Only (A)-(F)
- (c) Only (B)-(D) and (C)-(F)
- (d) Only (B)-(F)
- (e) None of these

**Q104. COLUMN I**

- (A) To make sense of all this, we need to consider what data is available
- (B) Although valuable, the data is patchy
- (C) Arguably, into the third month of its Ukraine invasion

**COLUMN II**

- (D) should be given employment status and benefits.
- (E) Moscow is more dependent on India today than the other way round
- (F) actually, reflects a sharp improvement in registration

- (a) Only (A)-(D) and (C)-(F)
- (b) Only (C)-(E)
- (c) Only (B)-(D) and (C)-(E)
- (d) Only (A)-(D)
- (e) None of these

**Directions (105-108): In each question a word is omitted. Find the appropriate word from the given options that can fit into the blank without altering the intended meaning.**

**Q105.** It possesses an extremely \_\_\_\_\_ smell, and its vapor is extremely irritating to the eyes.

- (a) feisty
- (b) pungent
- (c) incessant
- (d) aromatic
- (e) Incisive

**Q106.** I will resist the temptation to engage in a philosophical \_\_\_\_\_ on what counts as news

- (a) disquisition
- (b) scholastic
- (c) disposition
- (d) ambit
- (e) herald

**Q107.** In the \_\_\_\_\_ competition, each performance group is comprised of two or more members.

- (a) solidarity
- (b) league
- (c) berate
- (d) fractious
- (e) ensemble

**Directions (108-112):** Each of the sentence given below has been divided in four parts which may or may not be correct. Choose the part that contains an error as your answer choice. If no such part has any error, choose "No Error" as your answer

**Q108.** Parliament could introduced (A)/ a new provision for bail, by (B)/removing the defects pointed (C)/out by the Court(D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

**Q109.** His most extensive single work is (A)/ a book on Sound, that, in the (B)/second edition, has become a (C) /treatise on vibrations in general (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

**Q110.** The constitution of the patriarchal system (A)/resulted into the recognition of a certain (B)/right of appeal to Rome (C)/ from the larger part of the West (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

**Q111.** Dean laughed at first at (A)/his wife's suggestion but (B)/the more he thought about it (C)/ the more the idea had a ring of validity to it (D).

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error



**Q112.** It was he who finally removed (A)/ last vestiges of the god Apollo(B)/ with the laurel band (C)/becoming an ear of barley (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

**Directions (113-115):** In each of the questions given below, a passage has been given which is either situational based or describes a scenario. Mark out the correct inference that can be drawn regarding the person/ situation as your answer.

**Q113.** She sat in the darkened room waiting. It was now a standoff. He had the power to put her in the room, but not the power to make her repent. It wasn't fair and no matter how long she had to endure the darkness, she wouldn't change her attitude. The girl mentioned in the paragraph showcase a /an \_\_\_\_\_ personality

- (a) obstinate
- (b) intuitive
- (c) perceiver
- (d) vehement
- (e) None of these

**Q114.** Apart from pears, the couple did not have a rich choice of foods to eat. But they did have yellow lentils, ghee and some spices. The wife was particularly good at making this dish called dahl. What an appetizing smell it had, to be sure! The woodman gobbled it up as soon as it was ready. The couple was \_\_\_\_\_ with their living condition.

- (a) rogue
- (b) content
- (c) anguish
- (d) abominate
- (e) None of these

**Q115.** There were four walls, a floor and a roof, which made one room; and this room contained a rusty looking cookstove, a cupboard for the dishes, a table, three or four chairs, and the beds. Uncle Henry and Aunt Em had a big bed in one corner, and Dorothy a little bed in another corner. There was no garret at all, and no cellar--except a small hole dug in the ground, called a cyclone cellar, where the family could go in case one of those great whirlwinds arose. The family was living in a/an \_\_\_\_\_ state.

- (a) edgy
- (b) whimsical
- (c) indigent
- (d) discrete
- (e) None of these

**Directions (116-120): A word has been given in each question and has been used in the sentences given below. Identify the statements where the word has been used in a contextually and grammatically correct manner.**

**Q116. Gambit**

- (i) If the billionaire doesn't declare all of his income, he could be charged with tax **gambit**
  - (ii) Had it been an election **gambit**, the reduction would have taken place a few months before the election.
  - (iii) After running from the IRS for two decades, **gambit** of taxes finally landed the man in prison
- (a) All of these
  - (b) Only (i)
  - (c) Both (ii) & (iii)
  - (d) Both (i) & (ii)
  - (e) Only (ii)

**Q117. Beguile**

- (i) The car salesman tried to **beguile** the customer with an offer of free gas for a year.
  - (ii) The salesman **beguiled** him into buying a car he didn't want.
  - (iii) We sang songs and told stories to **beguile** the chilly night away.
- (a) All of these
  - (b) Only (i)
  - (c) Both (ii) & (iii)
  - (d) Both (i) & (ii)
  - (e) Only (ii)

**Q118. Cajolery**

- (i) No amount of **cajolery** could convince Doris to hand us the keys to her car, so we took it for a ride without permission
  - (ii) Under **cajolery** of being a police officer, the gang member gained entry into the rival gang leader's apartment.
  - (iii) the minority attempted to control the Council by a delaying **cajolery**
- (a) All of these
  - (b) Only (i)
  - (c) Both (ii) & (iii)
  - (d) Both (i) & (ii)
  - (e) Only (ii)

**Q119. Inhibit**

- (i) Some believe that spider crab **inhibits** edible crab from entering the pots.
  - (ii) Putting a dead rat on a person's doorstep is an **inhibit** way in which the mob has been known to warn possible snitches
  - (iii) As **inhibit** as it might sound, the woman truly believed that she was destined to be a movie star.
- (a) All of these
  - (b) Only (i)
  - (c) Both (ii) & (iii)
  - (d) Both (i) & (ii)
  - (e) Only (ii)

**Q120.** Delusive

(i) Tossing coins into a fountain for good fortune is a fun **delusiveness** that many people believe to be true  
(ii) **Delusiveness** was as much a part of the social climber's club as was the high-priced bottles of wine and caviar.

(iii) Because he wanted patients to come back, the lying doctor gave them **delusive** information.

(a) All of these

(b) Only (i)

(c) Both (ii) & (iii)

(d) Both (i) & (ii)

(e) Only (iii)

## Solutions

**S1. Ans.(c)**

**Sol.**

Day	Persons	Money (rupees)
Monday	K	1380
Tuesday	T	1600
Wednesday	H	1580
Thursday	Y	1260
Friday	L	2200
Saturday	G	1120
Sunday	D	1050

Required difference = 1380 (K) - 1260 (Y) = Rupees 120

**S2. Ans.(d)**

**Sol.**

Day	Persons	Money (rupees)
Monday	K	1380
Tuesday	T	1600
Wednesday	H	1580
Thursday	Y	1260
Friday	L	2200
Saturday	G	1120
Sunday	D	1050

The third highest sum of money is deposited on Wednesday.

**S3. Ans.(a)**

**Sol.**

Day	Persons	Money (rupees)
Monday	K	1380
Tuesday	T	1600
Wednesday	H	1580
Thursday	Y	1260
Friday	L	2200
Saturday	G	1120
Sunday	D	1050

T deposited money just before H.

S4. Ans.(e)

Sol.

Day	Persons	Money (rupees)
Monday	K	1380
Tuesday	T	1600
Wednesday	H	1580
Thursday	Y	1260
Friday	L	2200
Saturday	G	1120
Sunday	D	1050

Except pair in option (e), there is one person who deposits money between the persons given in pair.

S5. Ans.(c)

Sol.

I.  $K < S$  (False)

II.  $V \geq H$  (False)

S6. Ans.(a)

Sol.

I.  $C > F$  (True)

II.  $S \leq T$  (False)

S7. Ans.(e)

Sol.

I.  $B > H$  (True)

II.  $S < W$  (True)

S8. Ans.(d)

Sol.

I.  $L > J$  (False)

II.  $V \leq J$  (False)



S9. Ans.(b)

**Sol.** One number and one word is arranged in each step. Numbers are arranged in decreasing order and words are arranged in dictionary order as per its 2<sup>nd</sup> letter of the word.

In step I, number is placed at the left end and word is placed at the right end. And in step II, word is placed at the left most end (just before the number placed in step I) and the number is placed at the right most end (just after the word placed in step I).

This arrangement of number and word is followed till the last step.

**Input:** 23 47 model 52 reader 66 travel egg 31 answer

Step I: 66 23 47 model 52 travel egg 31 answer reader

Step II: egg 66 23 47 model travel 31 answer reader 52

Step III: 47 egg 66 23 model travel 31 reader 52 answer

Step IV: model 47 egg 66 23 travel reader 52 answer 31

Step V: 23 model 47 egg 66 reader 52 answer 31 travel

'travel' is 3<sup>rd</sup> to the left of 9<sup>th</sup> element from left end in penultimate step.

**S10. Ans.(d)**

**Sol.** One number and one word is arranged in each step. Numbers are arranged in decreasing order and words are arranged in dictionary order as per its 2<sup>nd</sup> letter of the word.

In step I, number is placed at the left end and word is placed at the right end. And in step II, word is placed at the left most end (just before the number placed in step I) and the number is placed at the right most end (just after the word placed in step I).

This arrangement of number and word is followed till the last step.

**Input: 23 47 model 52 reader 66 travel egg 31 answer**

Step I: 66 23 47 model 52 travel egg 31 answer reader

Step II: egg 66 23 47 model travel 31 answer reader 52

Step III: 47 egg 66 23 model travel 31 reader 52 answer

Step IV: model 47 egg 66 23 travel reader 52 answer 31

Step V: 23 model 47 egg 66 reader 52 answer 31 travel

Four elements are in between 'model' and '52' in step II.

**S11. Ans.(a)**

**Sol.** One number and one word is arranged in each step. Numbers are arranged in decreasing order and words are arranged in dictionary order as per its 2<sup>nd</sup> letter of the word.

In step I, number is placed at the left end and word is placed at the right end. And in step II, word is placed at the left most end (just before the number placed in step I) and the number is placed at the right most end (just after the word placed in step I).

This arrangement of number and word is followed till the last step.

**Input: 23 47 model 52 reader 66 travel egg 31 answer**

Step I: 66 23 47 model 52 travel egg 31 answer reader

Step II: egg 66 23 47 model travel 31 answer reader 52

Step III: 47 egg 66 23 model travel 31 reader 52 answer

Step IV: model 47 egg 66 23 travel reader 52 answer 31

Step V: 23 model 47 egg 66 reader 52 answer 31 travel

'W' is the highest consonant in 'answer' which is 2<sup>nd</sup> word from right end in last step.

**S12. Ans.(c)**

**Sol.** One number and one word is arranged in each step. Numbers are arranged in decreasing order and words are arranged in dictionary order as per its 2<sup>nd</sup> letter of the word.

In step I, number is placed at the left end and word is placed at the right end. And in step II, word is placed at the left most end (just before the number placed in step I) and the number is placed at the right most end (just after the word placed in step I).

This arrangement of number and word is followed till the last step.

**Input: 23 47 model 52 reader 66 travel egg 31 answer**

Step I: 66 23 47 model 52 travel egg 31 answer reader

Step II: egg 66 23 47 model travel 31 answer reader 52

Step III: 47 egg 66 23 model travel 31 reader 52 answer

Step IV: model 47 egg 66 23 travel reader 52 answer 31

Step V: 23 model 47 egg 66 reader 52 answer 31 travel

'travel 31 reader' is found in the same manner in step III.

**S13. Ans.(d)**

**Sol.** Population of India and Australia has been compared but nowhere discussed or central theme about education or study destination. So (I) is not in line with the given statement. Option (II) defines the Indian culture and (III) is the basic principle of democracy. So, II and III are in line with the given statement.

**S14. Ans.(b)**

**Sol.** Option (I) may be the effective course of action, it's not the fallout. Option (II) may be the fallout as management is careless, they are not taking appropriate steps. Option (III) may be the fallout as after a year there is no improvement in case and if PIL will be filed, Supreme court may look into the matter.

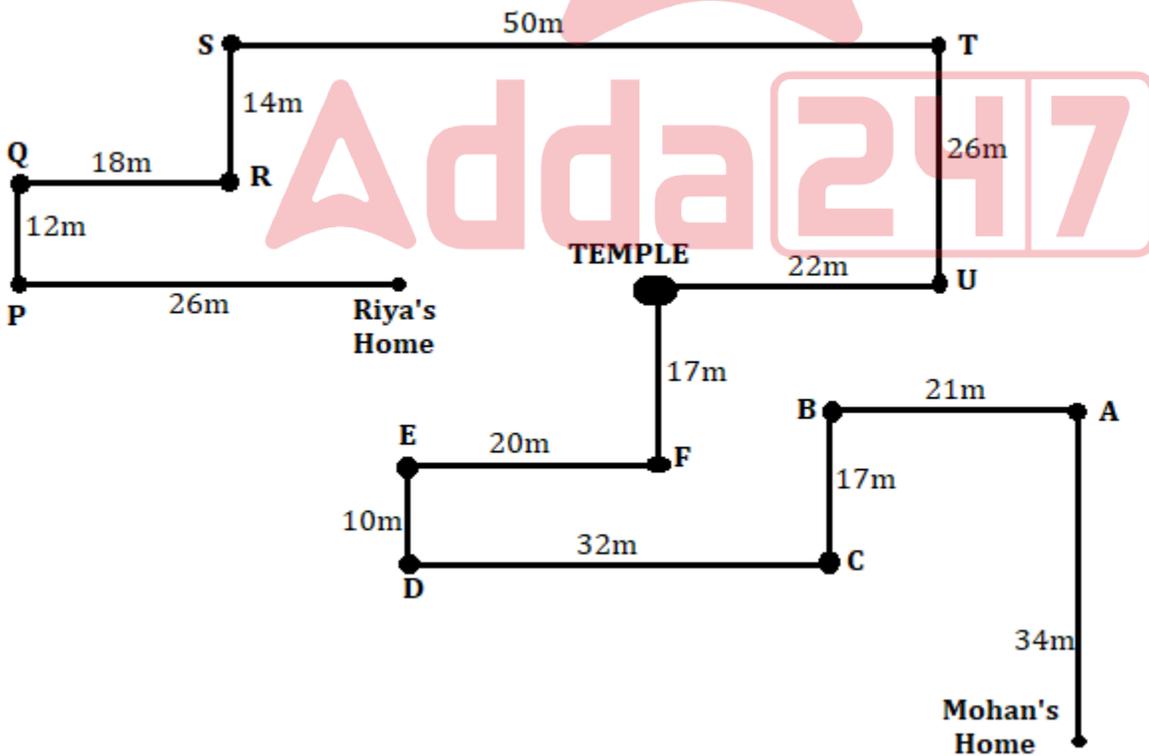
**S15. Ans.(e)**

**Sol.** Four persons live between U and A.

Floor	Persons
8	R
7	E
6	U
5	C
4	G
3	N
2	V
1	A

**S16. Ans.(c)**

**Sol.**

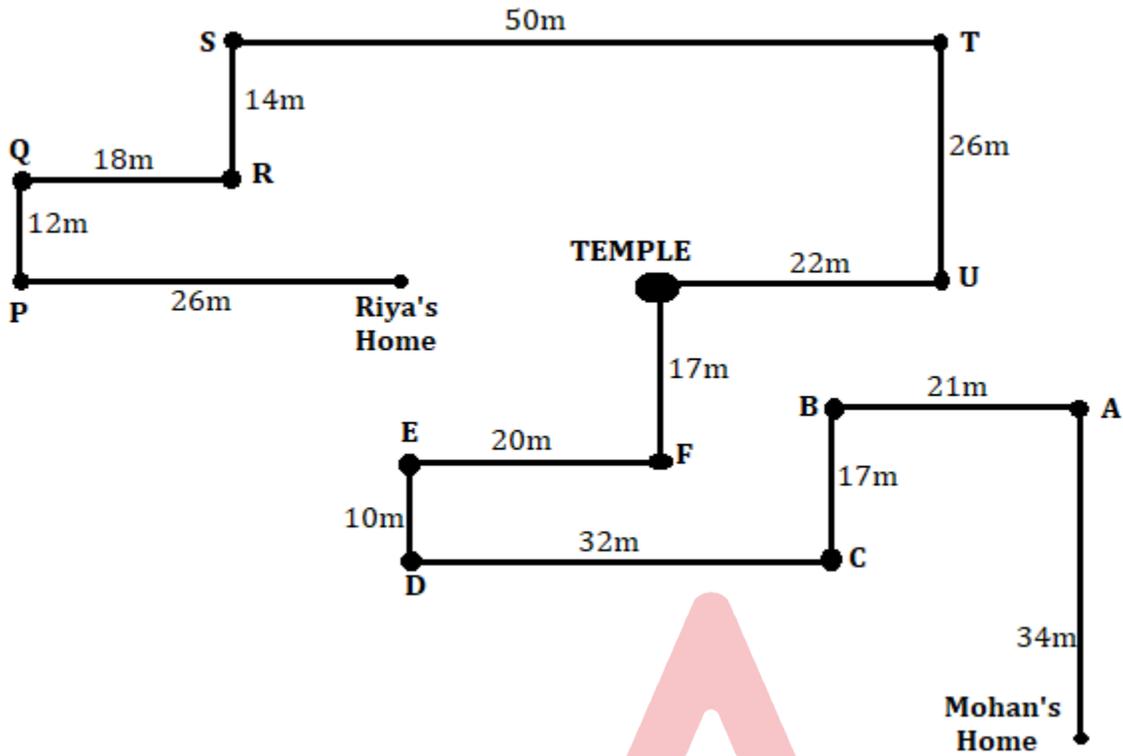


Distance covered by Riya = 168m, distance covered by Mohan = 151m

Required difference = 168 - 151 = 17m

S17. Ans.(c)

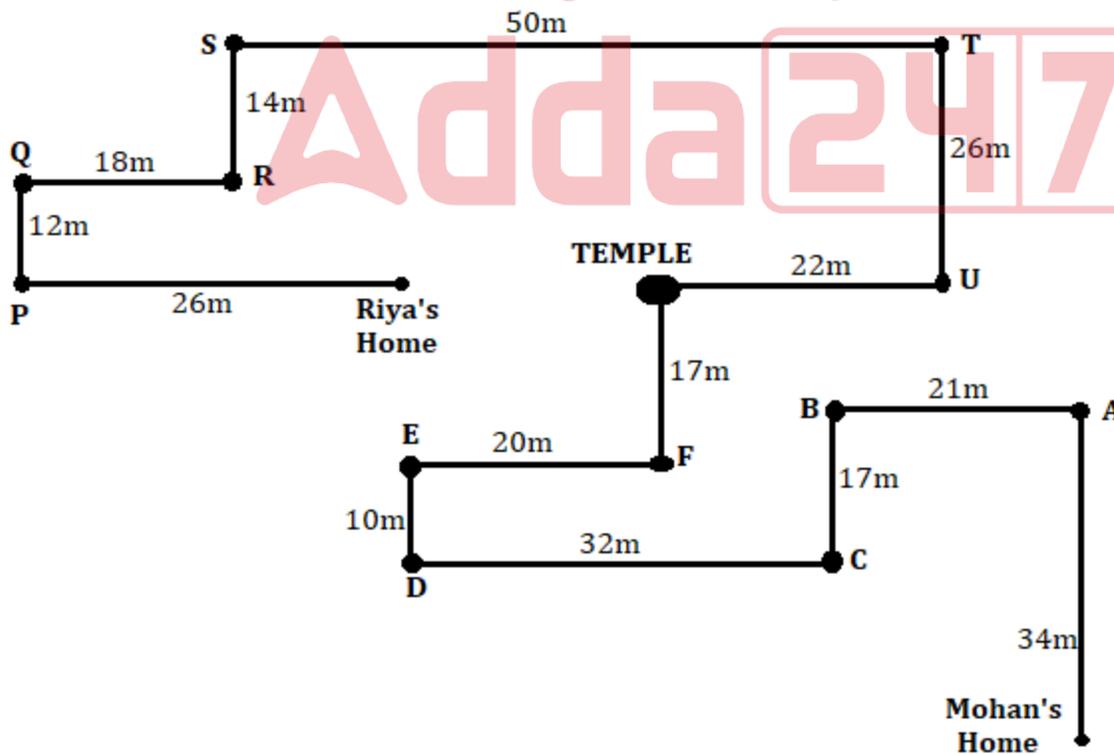
Sol.



Point S is in north-west of point B.

S18. Ans.(d)

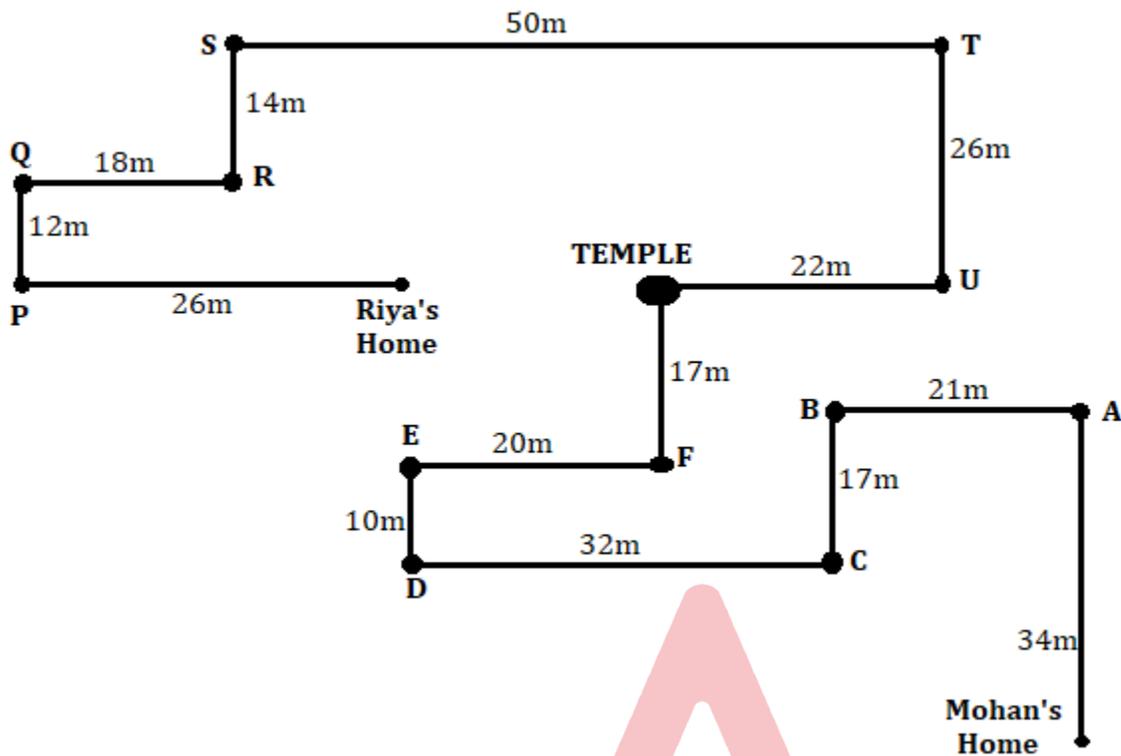
Sol.



Riya's home is 20m west of temple.

S19. Ans.(d)

Sol.



Except (d), first point is in south-west of second point in the pair.

S20. Ans.(e)

Sol. As it has been decided for random testing so it can be said that DIAL is expecting some case rise. In the above statement, testing of corona and if someone found positive, they will be quarantined has been discussed but there is no provision of lockdown. One of measures i.e. Quarantine has been taken by DIAL as per the protocol of ministry of health and family welfare so flight shut down cannot be assumed as per given statement.

S21. Ans.(d)

Sol. Option (I) and (II) are the demerits of subjective one. So, it doesn't diminish the advantage of objective assessment over subjective one. Option III describes about one of the possible conditions in objective tests and it diminish or weaken the fact which is stated in above statement.

S22. Ans.(d)

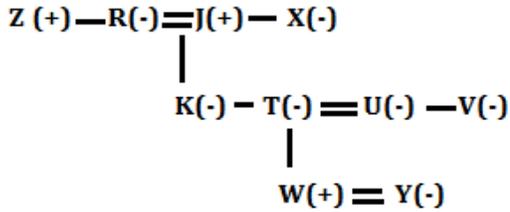
Sol.

Designation	Persons	Fruits
General Manager (GM)	V	Mango
Managing director (MD)	S	Apricot
Deputy General Manager (DGM)	P	Kiwi
Assistant General Manager (AGM)	T	Grapes
Manager (MG)	Q	Orange
Assistant Manager (AM)	W	Pears
Section Officer (SO)	R	Papaya
Clerk (CL)	U	Banana



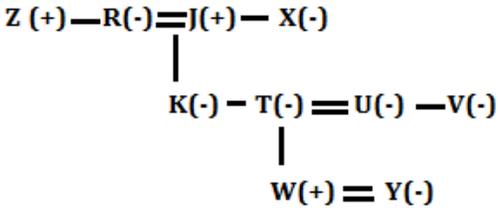
S27. Ans.(d)

Sol.



S28. Ans.(a)

Sol.



S29. Ans.(b)

Sol. Given number= 6493781539

After rearrangement= 3467998531

9/3=3

S30. Ans.(b)

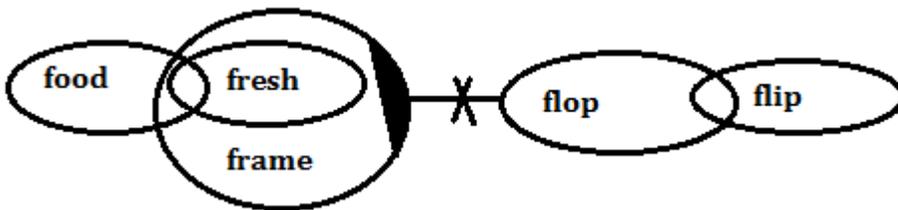
Sol. Assessment of subjective needs human elements due to which result may vary person to person. And this cannot be controlled, human error may influence the result.

S31. Ans.(c)

Sol. Only II and III can be best attributed as benefits of objective evaluation has been discussed in the above statement. It has also been discussed that negative marking is good for examination system.

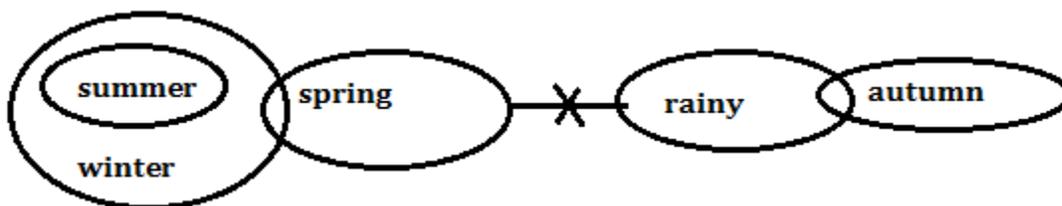
S32. Ans.(b)

Sol.



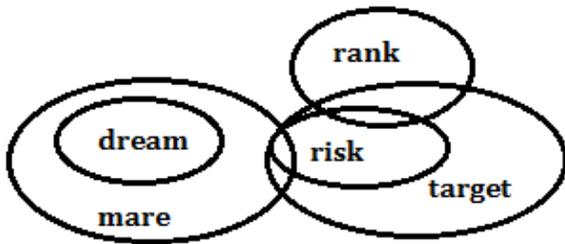
S33. Ans.(a)

Sol.



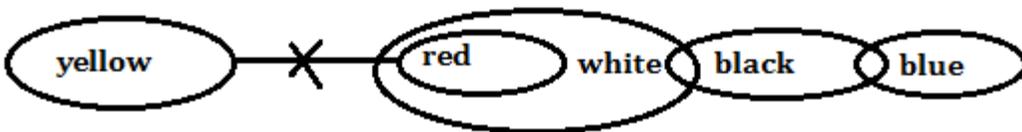
S34. Ans.(c)

Sol.



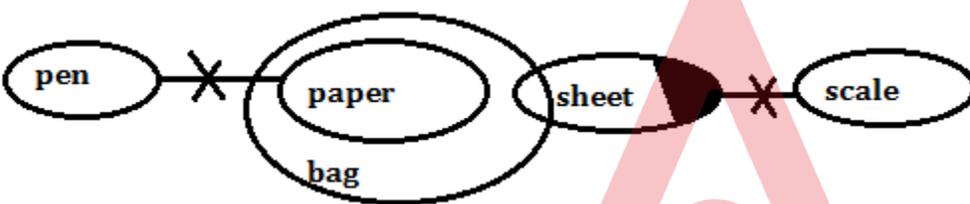
S35. Ans.(e)

Sol.



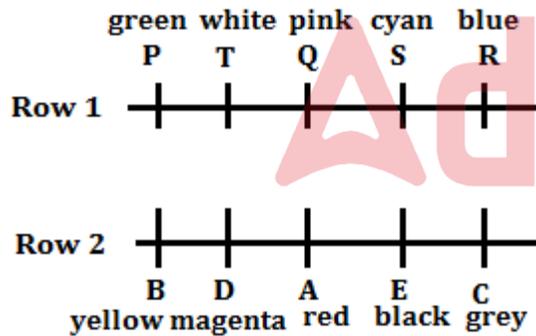
S36. Ans.(c)

Sol.



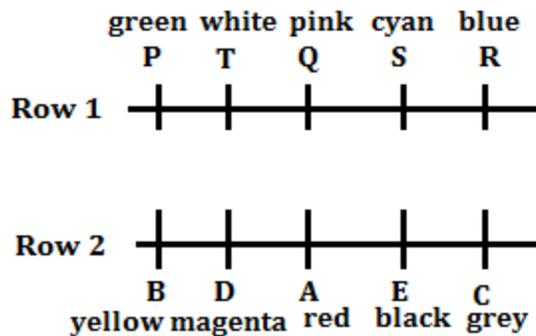
S37. Ans.(b)

Sol.



S38. Ans.(e)

Sol.



A

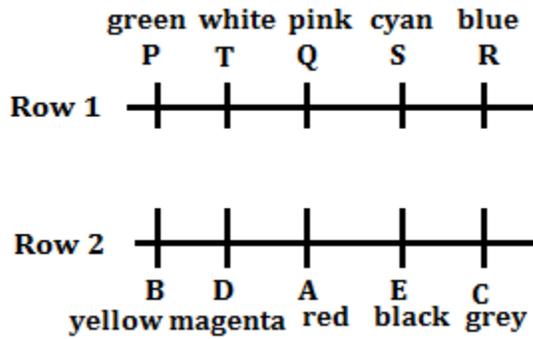
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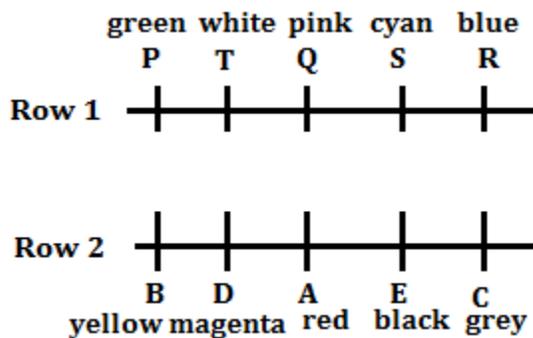
S39. Ans.(a)

Sol.



S40. Ans.(c)

Sol.



S41. Ans.(a)

Sol.

In company P,

Let total number of employees in HR and finance be  $4x$  and  $7x$  respectively.

ATQ,

$$7x - 4x = 330$$

$$3x = 330$$

$$110 = x$$

$$\text{Total number of employees in HR} = 4x = 440$$

$$\text{Total number of employees in finance} = 7x = 770$$

$$L + 300 = 440$$

$$L = 140$$

In company Q,

Let total number of employees in HR and finance be  $3a$  and  $5a$  respectively.

ATQ,

$$5a - 3a = 240$$

$$2a = 240$$

$$120 = a$$

$$\text{Total number of employees in HR} = 3a = 360$$

$$\text{Total number of employees in finance} = 5a = 600$$

$$M = 360$$

In company S,

Let total number of employees in HR and finance be  $8y$  and  $5y$  respectively.

ATQ,

$$8y - 5y = 480$$

$$3y = 480$$

$$160 = y$$

$$\text{Total number of employees in HR} = 8y = 1280$$

$$\text{Total number of employees in finance} = 5y = 800$$

$$N^2 + 380 = 1280$$

$$N^2 = 900$$

$$N = 30$$

$$\text{Total number of females in company P} = \frac{3}{11} \times (440 + 770) = 330$$

$$\text{Total number of males in the company P} = 1210 - 330 = 880$$

$$\text{Females in finance} = \frac{2}{7} \times 770 = 220$$

$$\text{Males in finance} = 770 - 220 = 550$$

$$\text{Male employees in HR} = 880 - 550 = 330$$

$$\text{Required percentage} = \frac{330}{600} \times 100 = 55\%$$

**S42. Ans.(d)**

**Sol.**

In company P,

Let total number of employees in HR and finance be  $4x$  and  $7x$  respectively.

ATQ,

$$7x - 4x = 330$$

$$3x = 330$$

$$110 = x$$

$$\text{Total number of employees in HR} = 4x = 440$$

$$\text{Total number of employees in finance} = 7x = 770$$

$$L + 300 = 440$$

$$L = 140$$

In company Q,

Let total number of employees in HR and finance be  $3a$  and  $5a$  respectively.

ATQ,

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$$\text{Total number of employees in HR} = 3a = 360$$

$$\text{Total number of employees in finance} = 5a = 600$$

$$M = 360$$

In company S,

Let total number of employees in HR and finance be  $8y$  and  $5y$  respectively.

ATQ,

$$8y - 5y = 480$$

$$3y = 480$$

$$160 = y$$

Total number of employees in HR =  $8y = 1280$

Total number of employees in finance =  $5y = 800$

$$N^2 + 380 = 1280$$

$$N^2 = 900$$

$$N = 30$$

Total number of HR who get promoted =  $\frac{30}{100} \times 1280 = 384$

Total number of HR who were transferred =  $\frac{5}{8} \times (1280 - 384) = 560$

Total number of HR who resigned =  $1280 - 384 - 560 = 336$

Total number of promoted and resigned employees each in finance =  $\frac{800 - 300}{2} = 250$

Required difference =  $(560 + 300) - (384 + 250) = 226$

### S43. Ans.(a)

Sol.

In company P,

Let total number of employees in HR and finance be  $4x$  and  $7x$  respectively.

ATQ,

$$7x - 4x = 330$$

$$3x = 330$$

$$110 = x$$

Total number of employees in HR =  $4x = 440$

Total number of employees in finance =  $7x = 770$

$$L + 300 = 440$$

$$L = 140$$

In company Q,

Let total number of employees in HR and finance be  $3a$  and  $5a$  respectively.

ATQ,

$$5a - 3a = 240$$

$$2a = 240$$

$$120 = a$$

Total number of employees in HR =  $3a = 360$

Total number of employees in finance =  $5a = 600$

$$M = 360$$

In company S,

Let total number of employees in HR and finance be  $8y$  and  $5y$  respectively.

ATQ,

$$8y - 5y = 480$$

$$3y = 480$$

$$160 = y$$

Total number of employees in HR =  $8y = 1280$

Total number of employees in finance =  $5y = 800$

$$N^2 + 380 = 1280$$

$$N^2 = 900$$

$$N = 30$$

Let the total number of HR and finance employees is  $Ax$  and  $Bx$  respectively.

Total number of HR = 500

$$Ax = 500$$

$$Ax - Bx = 100$$

$$500 - 100 = Bx$$

$$400 = Bx$$

$$\text{Total number of interns in R} = \frac{2}{5} \times 500 + \frac{1}{2} \times 400 = 200 + 200 = 400$$

**S44. Ans.(b)**

**Sol.**

In company P,

Let total number of employees in HR and finance be  $4x$  and  $7x$  respectively.

ATQ,

$$7x - 4x = 330$$

$$3x = 330$$

$$110 = x$$

$$\text{Total number of employees in HR} = 4x = 440$$

$$\text{Total number of employees in finance} = 7x = 770$$

$$L + 300 = 440$$

$$L = 140$$

In company Q,

Let total number of employees in HR and finance be  $3a$  and  $5a$  respectively.

ATQ,

$$5a - 3a = 240$$

$$2a = 240$$

$$120 = a$$

$$\text{Total number of employees in HR} = 3a = 360$$

$$\text{Total number of employees in finance} = 5a = 600$$

$$M = 360$$

In company S,

Let total number of employees in HR and finance be  $8y$  and  $5y$  respectively.

ATQ,

$$8y - 5y = 480$$

$$3y = 480$$

$$160 = y$$

$$\text{Total number of employees in HR} = 8y = 1280$$

$$\text{Total number of employees in finance} = 5y = 800$$

$$N^2 + 380 = 1280$$

$$N^2 = 900$$

$$N = 30$$

$$\text{Required value} = \left( \frac{L}{2} + 2M - \frac{M}{N} \right) = \frac{140}{2} + 2 \times 360 - \frac{360}{30} = 70 + 720 - 12 = 778$$

**S45. Ans.(a)****Sol.**

In company P,

Let total number of employees in HR and finance be  $4x$  and  $7x$  respectively.

ATQ,

$$7x - 4x = 330$$

$$3x = 330$$

$$110 = x$$

Total number of employees in HR =  $4x = 440$ Total number of employees in finance =  $7x = 770$ 

$$L + 300 = 440$$

$$L = 140$$

In company Q,

Let total number of employees in HR and finance be  $3a$  and  $5a$  respectively.

ATQ,

$$5a - 3a = 240$$

$$2a = 240$$

$$120 = a$$

Total number of employees in HR =  $3a = 360$ Total number of employees in finance =  $5a = 600$ 

$$M = 360$$

In company S,

Let total number of employees in HR and finance be  $8y$  and  $5y$  respectively.

ATQ,

$$8y - 5y = 480$$

$$3y = 480$$

$$160 = y$$

Total number of employees in HR =  $8y = 1280$ Total number of employees in finance =  $5y = 800$ 

$$N^2 + 380 = 1280$$

$$N^2 = 900$$

$$N = 30$$

$$\text{Females in HR} = 9 \times 30 = 270$$

$$\text{Males in HR} = 360 - 270 = 90$$

$$\text{Male in finance} = \left( \frac{3 \times 140 + 360}{30} \right) \times 10 = 260$$

$$\text{Female in finance} = 600 - 260 = 340$$

$$\text{Required difference} = 340 - 90 = 250$$

**S46. Ans.(a)****Sol.**

	Milk	water	Juice
Step 1:	60	0	0
Step 2:	$60 - 10 = 50$	25	0
Step 3:	$50 - (50 + 25) \frac{60}{100} \times \frac{2}{3} = 20$	$25 - (50 + 25) \frac{60}{100} \times \frac{1}{3} = 10$	0
Step 4:	$20 + \frac{60}{100} \times 40 = 44$	10	$\frac{40}{100} \times 40 = 16$
Required ratio	$= 44:10:16 = 22:5:8$		

**S47. Ans.(d)**

**Sol.**

Let total income be  $100x$

$$\text{Expenditure on HR} = 100x \times \frac{20}{100} = 20x$$

$$\text{Saving} = \frac{3}{5} \times (100x - 20x - R) = \frac{3}{5} \times (80x - R)$$

ATQ,

$$\frac{3}{5} \times (80x - R) - 20x = 4000$$

$$28x - \frac{3R}{5} = 4000$$

$$28 \times 250 - \frac{3R}{5} = 4000 \quad (100x=25000)$$

$$3000 = \frac{3R}{5} \quad \text{So, } x=250$$

$$R=5000$$

Alternative method

Let the income he saves and amount he spend on food is  $3x$  and  $2x$  respectively.

ATQ,

$$3x = \frac{20}{100} \times 25000 + 4000$$

$$3x = 9000$$

$$x = 3000$$

$$\text{Total expenditure} = 25000 - 9000 = \text{Rs. } 16,000$$

$$\frac{20}{100} \times 25000 + R + 2 \times 3000 = 16,000$$

$$R = 5000$$

**S48. Ans.(d)**

**Sol.**

$$({}^6C_1 \times {}^4C_1) \div {}^{10}C_2 = \frac{6 \times 4 \times 2}{10 \times 9} = \frac{8}{15}$$

**S49. Ans.(a)**

**Sol.**

$$\text{Volume of the cuboid} = \left( \frac{1}{3} \times \frac{22}{7} \times 7 \times 7 \times 12 \right) - 40 = 616 - 40 = 576 \text{ cm}^3$$

$$576 = (H)(H - 2) \times 12$$

$$48 = (H)(H - 2)$$

$$H^2 - 2H - 48 = 0$$

On solving equation

$$H = 8, -6$$

$$\text{Breadth of the cuboid} = 8 \text{ cm}$$

**S50. Ans.(c)**

**Sol.**

Let the marked price and cost price of article B is  $100x$  and  $Y$  respectively.

$$\text{Marked price of A} = 150\% \text{ of } 100x = 150x$$

$$\text{Cost price of A} = 100x$$

Selling price of A = 125% of 100x = 125x  
 150x - 125x = 1200  
 48 = x  
 100x - 75% of Y = 1800  
 4800 - 1800 = 75% of Y  
 Y = Rs.4000

**S51. Ans.(e)**

**Sol.**

Speed of train A = 30 m/s = 108 km/hr

Required time =  $\frac{720-108 \times 2}{108+60} = 3 \text{ hours}$

At 10 AM they will meet.

**S52. Ans.(b)**

**Sol.**

8000 × 12 : X × 12 : (X - 1000) × 6  
 16000 : 2X : X - 1000  
 $\frac{16000}{(16000+2X+X-1000)} = \frac{160}{100} \times \frac{(X-1000)}{(16000+2X+X-1000)}$   
 10000 = X - 1000  
 X = Rs. 11000

**S53. Ans.(b)**

**Sol.**

3456 =  $\left(\frac{100+20}{100}\right) \times \left(\frac{100+20}{100}\right) \times \left(\frac{100+20}{100}\right) X$   
 X = Rs. 2000

Required simple interest =  $\frac{\frac{3}{2} \times 2000 \times 12 \times 15}{100} = \text{Rs. } 5400$

**S54. Ans.(c)**

**Sol.**

Let the length and breadth of the rectangle be (b+5) meter and b meter respectively.

**From statement I.**

$$(b)^2 = (b+5)(b) - 50$$

$$b^2 = b^2 + 5b - 50$$

$$b = 10 \text{ meters}$$

$$l = 10+5 = 15 \text{ meters}$$

**From statement II.**

$$(10 + 2X)(15 + 2X) - 150 = \frac{7000}{20}$$

$$150 + 20X + 30X + 4X^2 - 150 = 350$$

$$4X^2 + 50X - 350 = 0$$

$$X = +5, -17.5$$

So, both the statements taken together are necessary to answer the questions.

S55. Ans.(d)

Sol.

From statement I.

$$\frac{P-500}{P+700} = \frac{5}{9}$$

$$9P - 4500 = 5P + 3500$$

$$4P = 8000$$

$$P = \text{Rs. } 2000$$

From statement II.

$$P - 200 = \frac{210P}{100} \times \left( \frac{P+700}{3P+300} \right)$$

$$P = \text{Rs. } 2000$$

Either statement (I) or statement (II) is sufficient to answer the question.

S56. Ans.(e)

Sol.

Let the cost price of articles A, B & C be  $80x$ ,  $50x$  &  $30x$  respectively.

So, the mark price of articles A, B & C be  $144x$ ,  $80x$  &  $42x$  respectively.

From statement (I)

So, the selling price of article A, B & C be  $10y$ ,  $7y$  &  $13y$  respectively.

From statement (II)

$$(10y+7y+13y)-(80x+50x+30x)=(144x+80x+42x)-(10y+7y+13y)-120$$

Two variable one equation not possible to solve the question.

Statements (I) and (II) together are not sufficient to answer the question.

S57. Ans.(a)

Sol.

Let the total copper coins in P and Q be  $3x$  and  $2x$  respectively and gold coin in R is  $4x$ .

Let Gold coin in Q =  $3y$

$$\text{Silver coin in P} = 3y \times \frac{100}{75} = 4y$$

Let gold coin in P be  $Z$ .

Coins	P	Q	R	Total
Gold	Z	$3y$	$4x$	570
Silver	$4y$	$60+2x$	A	$27c$
Copper	$3x$	$2x$	B	$20c$
Total	580	510	420	1510

ATQ,

$$Z = 570 - 3y - 4x = 580 - 3x - 4y$$

$$y - x = 10 \dots (i)$$

$$3y + 60 + 2x + 2x = 510$$

$$3y + 4x = 450 \dots (ii)$$

Solving (i) and (ii)

$$x = 60, y = 70$$

$$Z = 120$$

$$1510 - 570 = (27+20)c$$

$$20 = c$$

$$A = 540 - 180 - 280 = 80$$

$$B = 400 - 180 - 120 = 100$$

Coins	P	Q	R	Total
Gold	120	210	240	570
Silver	280	180	80	540
Copper	180	120	100	400
Total	580	510	420	1510

$$\text{Required ratio} = (280+180):400 = 23:20$$

**S58. Ans.(a)**

**Sol.**

Let the total copper coins in P and Q be  $3x$  and  $2x$  respectively and gold coin in R is  $4x$ .

Let Gold coin in Q =  $3y$

$$\text{Silver coin in P} = 3y \times \frac{100}{75} = 4y$$

Let gold coin in P be  $Z$ .

Coins	P	Q	R	Total
Gold	$Z$	$3y$	$4x$	570
Silver	$4y$	$60+2x$	$A$	$27c$
Copper	$3x$	$2x$	$B$	$20c$
Total	580	510	420	1510

ATQ,

$$Z = 570 - 3y - 4x = 580 - 3x - 4y$$

$$y - x = 10 \dots (i)$$

$$3y + 60 + 2x + 2x = 510$$

$$3y + 4x = 450 \dots (ii)$$

Solving (i) and (ii)

$$x = 60, y = 70$$

$$Z = 120$$

$$1510 - 570 = (27+20)c$$

$$20 = c$$

$$A = 540 - 180 - 280 = 80$$

$$B = 400 - 180 - 120 = 100$$

Coins	P	Q	R	Total
Gold	120	210	240	570
Silver	280	180	80	540
Copper	180	120	100	400
Total	580	510	420	1510

$$\text{Required average} = \frac{180+240+180}{3} = 200$$

**S59. Ans.(b)****Sol.**

Let the total copper coins in P and Q be  $3x$  and  $2x$  respectively and gold coin in R is  $4x$ .

Let Gold coin in Q =  $3y$

Silver coin in P =  $3y \times \frac{100}{75} = 4y$

Let gold coin in P be  $Z$ .

Coins	P	Q	R	Total
Gold	Z	$3y$	$4x$	570
Silver	$4y$	$60+2x$	A	$27c$
Copper	$3x$	$2x$	B	$20c$
Total	580	510	420	1510

ATQ,

$$Z = 570 - 3y - 4x = 580 - 3x - 4y$$

$$y - x = 10 \dots (i)$$

$$3y + 60 + 2x + 2x = 510$$

$$3y + 4x = 450 \dots (ii)$$

Solving (i) and (ii)

$$x = 60, y = 70$$

$$Z = 120$$

$$1510 - 570 = (27+20)c$$

$$20 = c$$

$$A = 540 - 180 - 280 = 80$$

$$B = 400 - 180 - 120 = 100$$

Coins	P	Q	R	Total
Gold	120	210	240	570
Silver	280	180	80	540
Copper	180	120	100	400
Total	580	510	420	1510

$$\text{Required percentage} = \frac{420}{400} \times 100 = 105\%$$

**S60. Ans.(c)****Sol.**

Let the total copper coins in P and Q be  $3x$  and  $2x$  respectively and gold coin in R is  $4x$ .

Let Gold coin in Q =  $3y$

Silver coin in P =  $3y \times \frac{100}{75} = 4y$

Let gold coin in P be  $Z$ .

Coins	P	Q	R	Total
Gold	Z	3y	4x	570
Silver	4y	60+2x	A	27c
Copper	3x	2x	B	20c
<b>Total</b>	580	510	420	1510

ATQ,

$$Z = 570 - 3y - 4x = 580 - 3x - 4y$$

$$y - x = 10 \dots (i)$$

$$3y + 60 + 2x + 2x = 510$$

$$3y + 4x = 450 \dots (ii)$$

Solving (i) and (ii)

$$x = 60, y = 70$$

$$Z = 120$$

$$1510 - 570 = (27+20)c$$

$$20 = c$$

$$A = 540 - 180 - 280 = 80$$

$$B = 400 - 180 - 120 = 100$$

Coins	P	Q	R	Total
Gold	120	210	240	570
Silver	280	180	80	540
Copper	180	120	100	400
<b>Total</b>	580	510	420	1510

Total number of coins in bag D = 175% of 120 = 210

Let the total number of silver and copper coins each = j

Total gold coins = j - 15

ATQ,

$$j + j + j - 15 = 210$$

$$3j = 225$$

$$j = 75$$

$$\text{Total gold coins} = j - 15 = 75 - 15 = 60$$

**S61. Ans.(a)**

**Sol.**

Let the total copper coins in P and Q be 3x and 2x respectively and gold coin in R is 4x.

Let Gold coin in Q = 3y

$$\text{Silver coin in P} = 3y \times \frac{100}{75} = 4y$$

Let gold coin in P be Z.

Coins	P	Q	R	Total
Gold	Z	3y	4x	570
Silver	4y	60+2x	A	27c
Copper	3x	2x	B	20c
<b>Total</b>	580	510	420	1510

ATQ,

$$Z = 570 - 3y - 4x = 580 - 3x - 4y$$

$$y - x = 10 \dots (i)$$

$$3y + 60 + 2x + 2x = 510$$

$$3y + 4x = 450 \dots (ii)$$

Solving (i) and (ii)

$$x = 60, y = 70$$

$$Z = 120$$

$$1510 - 570 = (27+20)c$$

$$20 = c$$

$$A = 540 - 180 - 280 = 80$$

$$B = 400 - 180 - 120 = 100$$

Coins	P	Q	R	Total
Gold	120	210	240	570
Silver	280	180	80	540
Copper	180	120	100	400
<b>Total</b>	580	510	420	1510

Required answer = 100

S62. Ans.(d)

Sol.

Pattern of the series -

$$100 \quad 152 \quad 382 \quad 1339 \quad ?=6027.5 \quad 33153.25$$

$$\times 1.5 + 2 \quad \times 2.5 + 2 \quad \times 3.5 + 2 \quad \times 4.5 + 2 \quad \times 5.5 + 2$$

S63. Ans.(a)

Sol.

Pattern of the series -

$$80 \quad 45 \quad 50 \quad 80 \quad 165 \quad ?=417.5$$

$$\times 0.5 + 5 \quad \times 1 + 5 \quad \times 1.5 + 5 \quad \times 2 + 5 \quad \times 2.5 + 5$$

S64. Ans.(c)

Sol.

Pattern of the series -

$$10 \quad 34 \quad 66 \quad 108 \quad 162 \quad ?=230$$

$$+24 \quad +32 \quad +42 \quad +54 \quad +68$$

$$+8 \quad +10 \quad +12 \quad +14$$

**S65. Ans.(a)**

**Sol.**

Pattern of the series -

$$15 \times 10 + 9 = \mathbf{159}$$

$$159 \times 8 + 7 = 1279$$

$$1279 \times 6 + 5 = 7679$$

$$7679 \times 4 + 3 = 30719$$

$$30719 \times 2 + 1 = 61439$$

**S66. Ans.(e)**

**Sol.**

Pattern of the series -

$$\begin{array}{ccccccccc} 33 & & ?=113 & & 176 & & 224 & & 259 & & 283 \\ & 9^2 - 1 & & 8^2 - 1 & & 7^2 - 1 & & 6^2 - 1 & & 5^2 - 1 & \end{array}$$

**S67. Ans.(b)**

**Sol.**

ATQ,

$$A = 89$$

$$C = 21$$

**Quantity I**

Remainder of odd digits is 1

So, sum of remainder = 3

**Quantity II**

$$B = 51 \times 3 - 89 - 21 = 43$$

Sum of digit =  $4 + 3 = 7$

**Quantity I < Quantity II**

**S68. Ans.(b)**

**Sol.**

$$\text{Another diagonal of the rhombus} = 2 \times \frac{240}{24} = 20 \text{ cm}$$

**Quantity I**

if we take  $l = 20 \text{ cm}$

$$240 = 20 \times b - 20$$

$$b = 13 \text{ cm}$$

If we take  $l = 24 \text{ cm}$ , we will get a decimal number.

**Quantity II**

$$\text{Side of rhombus} = \sqrt{\left(\frac{20}{2}\right)^2 + \left(\frac{24}{2}\right)^2} = 2\sqrt{61} \text{ cm}$$

**Quantity I < Quantity II**

**S69. Ans.(c)**

**Sol.**

**Quantity I:** P, Q and R are three consecutive whole numbers and their sum is 6.

So,  $P = 1, Q = 2, R = 3,$

Therefore,

$$4(2x)^Q - 96x^P + 18(2)^R = 0$$

$$4(2x)^2 - 96x^1 + 18(2)^3 = 0$$

$$16x^2 - 96x + 144 = 0$$

$$x^2 - 6x + 9 = 0$$

$$x = 3, 3$$

**Quantity II:**  $3y^2 - 13y + 12 = 0$

$$3y^2 - 9y - 4y + 12 = 0$$

$$y = \frac{4}{3}, 3$$

So, Quantity I  $\geq$  Quantity II

**S70. Ans.(a)**

**Sol.**

Total toffees =  $4 + Z + 5 = 9 + Z$

ATQ.

$$\frac{5}{9+Z} = \frac{1}{3}$$

$$15 = 9 + Z$$

$$Z = 6$$

**Quantity I.**  $\frac{7}{29}$

**Quantity II.** Req. probability =  $\frac{6c_2}{15c_2} = \frac{1}{7}$

So, Quantity I  $>$  Quantity II

**S71. Ans.(e)**

**Sol.**

**Quantity I:**

Let speed of boat in still water be x kmph.

$$\frac{10}{x+1} + \frac{6}{x-1} = 4$$

$$x^2 - 4x = 0$$

$$x = 4, 0$$

now '0' cannot be the speed of the boat.

So,  $x = 4$

**Quantity I = Quantity II**

**S72. Ans.(a)**

**Sol.**

In company A,

Total number of vehicles manufactured =  $\frac{22}{100} \times 196000 = 43120$

Total number of buses manufactured =  $\frac{30}{100} \times 90000 = 27000$

Total number of cars manufactured =  $43120 - 27000 = 16120$

Similarly,

Companies	Total vehicles	Total buses	Total cars
A	43120	27000	16120
B	29400	13500	15900
C	35280	18000	17280
D	49000	22500	26500
E	39200	9000	30200

Required ratio =  $\frac{60}{100} \times 13500 : 90000 = 8100 : 90000 = 9 : 100$

**S73. Ans.(d)****Sol.**

In company A,

$$\text{Total number of vehicles manufactured} = \frac{22}{100} \times 196000 = 43120$$

$$\text{Total number of buses manufactured} = \frac{30}{100} \times 90000 = 27000$$

$$\text{Total number of cars manufactured} = 43120 - 27000 = 16120$$

Similarly,

Companies	Total vehicles	Total buses	Total cars
A	43120	27000	16120
B	29400	13500	15900
C	35280	18000	17280
D	49000	22500	26500
E	39200	9000	30200

$$\text{Required answer} = \frac{30}{100} \times 49000 + \frac{40}{100} \times 39200 = 14700 + 15680 = 30380$$

**S74. Ans.(d)****Sol.**

In company A,

$$\text{Total number of vehicles manufactured} = \frac{22}{100} \times 196000 = 43120$$

$$\text{Total number of buses manufactured} = \frac{30}{100} \times 90000 = 27000$$

$$\text{Total number of cars manufactured} = 43120 - 27000 = 16120$$

Similarly,

Companies	Total vehicles	Total buses	Total cars
A	43120	27000	16120
B	29400	13500	15900
C	35280	18000	17280
D	49000	22500	26500
E	39200	9000	30200

$$\text{Car manufactured by Z} = \frac{120}{100} \times 49000 \times \frac{3}{5} = 35280$$

**S75. Ans.(a)****Sol.**

In company A,

$$\text{Total number of vehicles manufactured} = \frac{22}{100} \times 196000 = 43120$$

$$\text{Total number of buses manufactured} = \frac{30}{100} \times 90000 = 27000$$

$$\text{Total number of cars manufactured} = 43120 - 27000 = 16120$$

Similarly,

Companies	Total vehicles	Total buses	Total cars
A	43120	27000	16120
B	29400	13500	15900
C	35280	18000	17280
D	49000	22500	26500
E	39200	9000	30200

$$\text{Required percentage} = \frac{15900}{27000} \times 100 = 58.888 \approx 59\%$$

S76. Ans.(d)

Sol.

In company A,

$$\text{Total number of vehicles manufactured} = \frac{22}{100} \times 196000 = 43120$$

$$\text{Total number of buses manufactured} = \frac{30}{100} \times 90000 = 27000$$

$$\text{Total number of cars manufactured} = 43120 - 27000 = 16120$$

Similarly,

Companies	Total vehicles	Total buses	Total cars
A	43120	27000	16120
B	29400	13500	15900
C	35280	18000	17280
D	49000	22500	26500
E	39200	9000	30200

Total number of cars manufactured by F = 9000

$$\text{Total number of vehicles manufactured by F} = \frac{9000 \times 100}{40} = 22500$$

S77. Ans.(c)

Sol.

$$\text{I. } x^2 - 9x + 20 = 0$$

$$x^2 - 4x - 5x + 20 = 0$$

$$x = 4, 5$$

$$\text{II. } 3y^2 - 16y + 16 = 0$$

$$3y^2 - 12y - 4y + 16 = 0$$

$$y = 4, \frac{4}{3}$$

So,  $x \geq y$ .

S78. Ans.(e)

Sol.

$$\text{I. } 12x^2 - 43x + 35 = 0$$

$$12x^2 - 28x - 15x + 35 = 0$$

$$x = \frac{7}{3}, \frac{5}{4}$$

$$\text{II. } 10y^2 - 37y + 30 = 0$$

$$10y^2 - 25y - 12y + 30 = 0$$

$$y = \frac{5}{2}, \frac{6}{5}$$

So, no relation.

S79. Ans.(d)

Sol.

$$\text{I. } 14x^2 + 31x + 6 = 0$$

$$14x^2 + 28x + 3x + 6 = 0$$

$$x = -\frac{3}{14}, -2$$



A blue rectangular advertisement for 'BANK MAHAPACK'. It features a white letter 'A' in a blue circle in the top right corner. The text 'BANK MAHAPACK' is in large white letters, followed by 'for all Bank &amp; Insurance Exams' in smaller white text. At the bottom, there is a white box with the text 'Selection Ka Saathi' and a small orange crown icon to its right.

$$\text{II. } 6y^2 + 29y + 35 = 0$$

$$6y^2 + 15y + 14y + 35 = 0$$

$$y = -\frac{7}{3}, -\frac{5}{2}$$

So,  $x > y$ .

**S80. Ans.(b)**

**Sol.**

$$\text{I. } (x + 12)^2 = 7x + 72$$

$$x^2 + 17x + 72 = 0$$

$$x^2 + 8x + 9x + 72 = 0$$

$$xx = -9, -8$$

$$\text{II. } (y + 9)^2 = 4y + 33$$

$$y^2 + 14y + 48 = 0$$

$$y^2 + 6y + 8y + 48 = 0$$

$$y = -6, -8$$

So,  $x \leq y$ .

**S81. Ans.(c)**

**Sol.** Refer to the first paragraph to answer the given question, "Why the previous struggles failed arouses little curiosity in today's crusaders against the colonial mindset. As an ideology, colonialism has an inbuilt device to deal with reactive moods of the colonised. These moods vary according to economic and political seasons. Citizens of former colonies typically feel more comfortable when they are passing through a good phase of their collective economic life. Conversely, they get twitchy when growth slows down."

**S82. Ans.(d)**

**Sol.** Refer to the last paragraph to answer the given question, "De-colonisation received a major official push in several African colonies after they attained freedom. In education, language was a focus area, but the choice did not prove wise. Entrenched social inequalities came in the way of ideal goals. In India, we have experienced this trajectory several times over, but the fascination of radical stances has not diminished."

**S83. Ans.(b)**

**Sol. For option (A) and (B):** Refer to the last paragraph, "Removal of English is a big draw among political parties which promise to exorcise India's mind, body and soul from the ghost of colonialism. Alas, among the youth, English shows no sign of becoming unpopular. As Snigdha Poonam has documented in her remarkable study of provincial youth culture, 'spoken English' has emerged as a major component of the coaching industry."

**For option (C):** By referring the complete first paragraph, we can conclude that while an urge towards decolonization has always been there but the intensity varies generation to generation.

**S84. Ans.(a)**

**Sol.** Attained: succeed in achieving (something that one has worked for).

Dejected: sad and depressed; dispirited.

Flourished: grow or develop in a healthy or vigorous way, especially as the result of a particularly congenial environment.

Synchronized: cause to occur or operate at the same time or rate.

Trailed: draw or be drawn along behind someone or something.

**S85. Ans.(b)**

**Sol.** Propitious: giving or indicating a good chance of success; favorable.

Achromatic: relating to, using, or denoting lenses that transmit light without separating it into constituent colors

Opportune: especially convenient or appropriate for a particular action or event.

Succinct: short concise expression

Dismal: causing a mood of gloom or depression.

**S86. Ans.(d)**

**Sol.** Invoke means call on (a deity or spirit) in prayer, as a witness, or for inspiration. Thus, the word antonym of it is 'discourage'.

Beseech: ask (someone) urgently and fervently to do something; implore; entreat.

Supplicate: ask or beg for something earnestly or humbly.

Solicit: ask for or try to obtain (something) from someone

**S87. Ans.(b)**

**Sol.** Depletion: reduction in the number or quantity of something

Inflexion: the modulation of intonation or pitch

Cherished: protect and care for (someone) lovingly.

Staggered: walk or move unsteadily, as if about to fall.

Residual: remaining after the greater part or quantity has gone.

**S88. Ans.(b)**

**Sol.** Peripheral: of, relating to, involving, forming

Landscape: all the visible features of an area of land

Level: a position on a scale of amount, quantity, extent, or quality

Protocol: the official procedure or system of rules governing affairs of state or diplomatic occasions.

Arbitrage: the practice of taking advantage of a difference in prices in two or more markets

**S89. Ans.(e)**

**Sol.** The word highlighted is correct for the given sentence, hence, required no changes.

Impulse: a sudden force or desire

Conclusion: the end or finish of an event, process, or text

Deviation: the action of departing from an established course or accepted standard

Impart: make (information) known.

**S90. Ans.(d)**

**Sol.** Peril: serious and immediate danger

Divertive: tending to divert

Resistant: offering resistance to something or someone.

Affluent: having a great deal of money; wealthy.

Remote: situated far from the main centres of population; distant

**S91. Ans.(c)**

**Sol.** Upheaving: heave or lift up (something, especially part of the earth's surface)

Saturating: cause (a substance) to combine with, dissolve, or hold the greatest possible quantity of another substance

Diversifying: enlarge or vary its range of products or field of operation.

Reducing: to make smaller in size, amount, or number

Distancing: make (someone or something) far off or remote in position or nature.

**S92. Ans.(a)**

**Sol.** Footprint: the area occupied or affected by something.

Transition: the process or a period of changing from one state or condition to another.

Validity: the quality of being logically or factually sound; soundness or cogency.

**S93. Ans.(e)**

**Sol.** Refer to the first paragraph to answer the question, "Only through collective and transformational action to strengthen agri-food systems, rectifying storage problem, through better production, better nutrition, a better environment, and a better life, can we meet our promise to end hunger by 2030"

**S94. Ans.(d)**

**Sol.** Only option (d) is false.

For option (a): Refer to the first paragraph, "Globally, food and nutrition security continue to be undermined by the impacts of the COVID-19 pandemic, climate change, spiralling food inflation, conflict, and inequality." Also if we proceed in the passage more, we will see the goal is to end hunger or achieve Zero Hunger by the year 2030".

For option (b): Refer to the first paragraph, "The Hunger Hotspots Outlook (2022-23) forebodes escalating hunger, as over 205 million people across 45 countries will need emergency food assistance to survive"

For option (c): Refer to the first paragraph, "Without food and nutrition security for all, there can be no peace and no prosperity."

For option (d): Refer to the second paragraph, " During 2021-22, the country recorded \$49.6 billion in total agriculture exports — a 20% increase from 2020-21"

**S95. Ans.(e)**

**Sol.** Refer to the last paragraph to answer the given question, "India's agriculture sector primarily exports agriculture and allied products, marine products, plantations, and textile and allied products. Rice, sugar, and spices were some of the main exports. India is also a provider of humanitarian food products, notably to Afghanistan, and to many other countries when the world faces food supply shortages and disruptions, such as during the current crisis in Ukraine."

**S96. Ans.(b)**

**Sol.** Refer to the second paragraph of the passage, "However, recent climate shocks have raised concerns about India's wheat and rice production over the next year. Given climate shocks and extreme weather phenomena, it is important to place a greater focus on climate adaptation and resilience building."

**S97. Ans.(c)**

**Sol.** Leverage: the exertion of force by means of a lever.

Abysmal: extremely bad; appalling

Adequate: satisfactory or acceptable in quality or quantity.

Apparent: clearly visible or understood; obvious.

Relinquished: voluntarily cease to keep or claim; give up.

**S98. Ans.(b)**

**Sol.** Severe: very great.

Oppressive: inflicting harsh and authoritarian treatment

Lenient: more merciful or tolerant than expected

Rigid: unable to bend or be forced out of shape; not flexible

Austere: severe or strict in manner or attitude.

**S99. Ans.(d)**

**Sol.** Conventional: based on or in accordance with what is generally done or believed.

Nascent: just coming into existence and beginning to display signs of future potential.

Flamboyant: tending to attract attention because of their exuberance, confidence, and stylishness.

Vogue: in trend

Traditional: existing in or as part of a tradition; long-established

**S100. Ans.(c)**

**Sol.** Coherent sentences can be formed by joining (B)-(D) and (C)-(E). Therefore, the sentences will be “Despite widespread global condemnation Moscow brazenly continues with its illegal military offensive against Kyiv” and “When Indira Gandhi returned to power, in 1980, a Department of Environment was established at the Centre”

**S101. Ans.(a)**

**Sol.** Coherent sentences can be formed by joining (A)-(E) and (C)-(F). Therefore, the sentences will be “In the last two years, India has achieved the dubious distinction of becoming the country with the second longest COVID-19 pandemic-linked school closure in the world” and “It needs no reiteration that, in the last two years already wide educational inequities have only widened further.”

**S102. Ans.(a)**

**Sol.** Coherent sentences can be formed by joining (A)-(D) and (C)-(E). Therefore, the sentences will be “India’s missile incident has highlighted the sorry state of bilateral mechanisms it has with Pakistan for crisis management” and “60 percent of the world’s hungry people live in zones affected by conflict which is the main driver in 8 out of 10 of the worst hunger crises “

**S103. Ans.(d)**

**Sol.** Coherent sentence can be formed by joining (B)-(F). Therefore, the sentences will be “Local markets with short supply chains have shown their worth during Covid-19 lockdowns.”

**S104. Ans.(b)**

**Sol.** Coherent sentence can be formed by joining (C)-(E). Therefore, the sentences will be “Arguably, into the third month of its Ukraine invasion, Moscow is more dependent on India today than the other way round”

**S105. Ans.(b)**

**Sol.** Feisty: Spirited, Courageous

Pungent: Having sharply strong taste or smell

Incessant: Continuing without pause or interruption.

Aromatic: Sweet smelling, Perfumed

Incisive: Perceptive, intelligently analytical and clear-thinking.

**S106. Ans.(a)**

**Sol.** Disquisition: a long or elaborate essay or discussion on a particular subject.

Scholastic: of or concerning schools and education

Disposition: a person's inherent qualities of mind and character.

Ambit: the scope, extent, or bounds of something.

Herald: a person or thing viewed as a sign that something is about to happen

**S107. Ans.(e)**

**Sol.** Solidarity: unity or agreement of feeling or action

League: a group of sports clubs which play each other over a period for a championship

Berate: scold or criticize (someone) angrily.

Fractious: irritable and quarrelsome.

Ensemble: a group of things or people acting or taken together as a whole

**S108. Ans.(a)**

**Sol.** The error lies in part A. Here, 'could' must be followed by 'have introduced'. We use could have to say that we were capable of doing something but we didn't. The structure is 'could+ have+ V3'.

**S109. Ans.(b)**

**Sol.** The error lies in part B. Here, 'that' must be changed with 'which'. "That" indicates a defining clause, while "which" indicates a non-defining clause. A clause is "defining" when the meaning of the sentence changes when it isn't there. A non-defining clause, meanwhile, could be taken out of the sentence without changing its meaning.

**S110. Ans.(b)**

**Sol.** The error lies in part B. Here, 'into' must be changed with 'in', as 'resulted' is always followed by 'in'.

**S111. Ans.(e)**

**Sol.** The sentence has no error.

**S112. Ans.(b)**

**Sol.** The error lies in part B. Here, 'the' must be added before 'last' as any rank, serial number take the article 'the' before it.

**S113. Ans.(a)**

**Sol.** Going through the given paragraph, it is clear that the girl is very stubborn and even with the risk of enduring darkness she could not change her attitude. Thus, the right answer is 'obstinate'

Obstinate: stubbornly refusing to change one's opinion or chosen course of action, despite attempts to persuade one to do so.

Intuitive: using or based on what one feels to be true even without conscious reasoning; instinctive.

Perceiver: a person who becomes aware (of things or events) through the senses

Vehement: showing strong feeling; forceful, passionate, or intense.

**S114. Ans.(b)**

**Sol.** Though the couple had very little menu in their plate, but they seemed to be content with that and making best of it. Thus, the correct answer is 'content'.

Rogue: a dishonest or unprincipled man.

Content: in a state of peaceful happiness.

Anguish: severe mental or physical pain or suffering.

Abominate: detest; loathe.

**S115. Ans.(c)**

**Sol.** Going through the given paragraph, it is evident that the family of uncle and aunt and Dorothy did not have sufficient means or they were indigent or poor.

Edgy: tense, nervous, or irritable.

Whimsical: playfully quaint or fanciful, especially in an appealing and amusing way.

Indigent: poor; needy

Discrete: individually separate and distinct.

**S116. Ans.(e)**

**Sol.** Gambit means an act or remark that is calculated to gain an advantage, especially at the outset of a situation. Thus, only option (ii) is correct.

**S117. Ans.(a)**

**Sol.** Beguile means to persuade, attract, or interest someone, sometimes in order to deceive them. Thus, all the sentences are true.

**S118. Ans.(b)**

**Sol.** 'cajolery' means coaxing or flattery intended to persuade someone to do something. Hence only option (i) is true.

**S119. Ans.(b)**

**Sol.** 'Inhibit' means to restrain, hinder, arrest, or check (an action, impulse, etc.). Thus, only option (i) is true.

**S120. Ans.(e)**

**Sol.** 'delusive' means giving a false or misleading impression. Thus, only option (iii) is true.



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