

## SBI Clerk Pre Memory Based Paper Mock 03 11-Jan-2024

**Directions (1-5):** A few sentences are provided in the following questions, each with a phrase highlighted in bold. There may or may not be an error in the highlighted phrase. The erroneous phrase can be replaced with one of the given alternatives. Choose "No replacement required" as your response if the highlighted phrase is correct.

**Q1.** Traditionally, **patients histories were neglected in paper records**, often stored in bulky file cabinets within medical facilities.

- (a) medical histories were harmed in paper records
- (b) paper records contained patient biometrics
- (c) paper records housed clinical statistics
- (d) patient data was maintained in paper records
- (e) No replacement required

**Q2.** **The composition of the gut microbiota varies** immune system, teaching it to distinguish between beneficial microorganisms and harmful pathogens.

- (a) The human gastrointestinal tract, often
- (b) The most fascinating areas of
- (c) The gut microbiota actively educates the
- (d) In the world of health and wellness
- (e) No replacement required

**Q3.** Artificial intelligence, **can help breeders develop crop varieties** data quickly and accurately, has revolutionized the field of crop breeding.

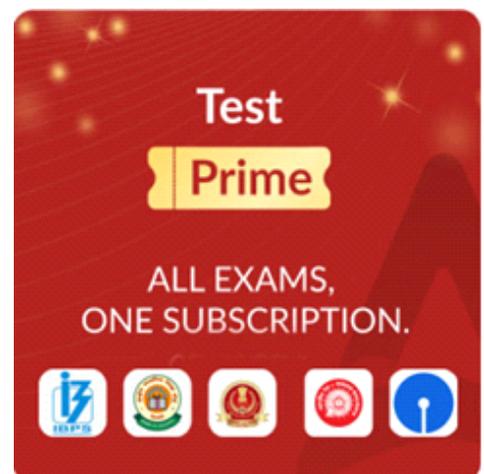
- (a) can predict a plant's performance based
- (b) is a time-consuming and complex process
- (c) involves crossing different plant varieties
- (d) with its ability to analyze vast amounts of
- (e) No replacement required

**Q4.** Storytelling transcends cultural, linguistic, and generational boundaries, making **it a universal tool for education**.

- (a) curiosity and encourage exploration.
- (b) they often revolve around characters
- (c) cultivates a lifelong passion for knowledge
- (d) to captivate and engage teachers
- (e) No replacement required

**Q5.** Neuroplasticity is a complex process that involves the **processes information and emotions**, the strengthening of existing connections, and the pruning of unused connections.

- (a) the role of neuroplasticity in mental health



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- (b) formation of new neural connections
- (c) the synapse between them is strengthened
- (d) for keeping the brain efficient
- (e) No replacement required

**Q6. Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with no grammatical error as the correct answer. If all the given sentences are grammatically incorrect, choose option "All are incorrect" as the answer.**

- (a) The cat curled up in it's bed, purring softly.
- (b) John's new apartment is bigger than his old one.
- (c) She can sing good enough to impress the judges.
- (d) The students were asked to raise they're hands.
- (e) All are incorrect

**Q7. Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with no grammatical error as the correct answer. If all the given sentences are grammatically incorrect, choose option "All are incorrect" as the answer.**

- (a) The group of friends were excited about the upcoming trip.
- (b) Neither the book nor the movie were interesting to her.
- (c) Each of the players on the team were given a new uniform.
- (d) The company, along with its subsidiaries, is thriving in the market.
- (e) All are incorrect

**Q8. Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with no grammatical error as the correct answer. If all the given sentences are grammatically incorrect, choose option "All are incorrect" as the answer.**

- (a) Sam and me will be attending the conference next week.
- (b) The movie was so bored that I fell asleep halfway through.
- (c) She asked him to lay down and rest for a while.
- (d) The team congratulates each other after a hard-fought victory.
- (e) All are incorrect

**Q9. Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with no grammatical error as the correct answer. If all the given sentences are grammatically incorrect, choose option "All are incorrect" as the answer.**

- (a) The team of researchers were conducting experiments in the laboratory.
- (b) He bought two much candy at the store.
- (c) Every item on the agenda were discussed thoroughly.
- (d) I couldn't find my keys anywhere, so I had to use an alternative pare.
- (e) All are incorrect

**Q10. Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with no grammatical error as the correct answer. If all the given sentences are grammatically incorrect, choose option "All are incorrect" as the answer.**

- (a) He wore his new jeans with a lose fit.
- (b) She could not bare the thought of saying goodbye.
- (c) I'll meet you their at the coffee shop.
- (d) The teacher explained the concept clearly and the students understood it.
- (e) All are incorrect

**Directions (11-15):** In the passage five coherent sentences are given, which are not arranged in meaningful order. Rearrange these sentences in the correct order to answer the following questions.

- (A) Their wisdom lies in the ability to approach situations with unfiltered innocence, fostering imaginative problem-solving.  
(B) In contrast, adults draw on life experiences, accumulated knowledge, and a developed sense of responsibility.  
(C) Children and adults exhibit distinct forms of wisdom shaped by their developmental stages.  
(D) Their wisdom tends to be grounded in practicality, foresight, and a nuanced understanding of complex situations.  
(E) As children often possess a natural curiosity, unbridled creativity, and a fresh perspective unencumbered by preconceived notions.

**Q11. Which of the following is the THIRD sentence after the rearrangement?**

- (a) A  
(b) C  
(c) E  
(d) B  
(e) D

**Q12. Which of the following is the FIFTH sentence after the rearrangement?**

- (a) C  
(b) B  
(c) D  
(d) E  
(e) A

**Q13. Which of the following is the SECOND sentence after the rearrangement?**

- (a) D  
(b) E  
(c) C  
(d) A  
(e) B

**Q14. Which of the following is the FIRST sentence after the rearrangement?**

- (a) B  
(b) A  
(c) C  
(d) E  
(e) D

**Q15. Which of the following is the correct sequence after the rearrangement?**

- (a) BDEAC  
(b) CEABD  
(c) EDACB  
(d) DCBEA  
(e) ABEDC

**Directions (16-18):** Each of the given questions contains a sentence with one blank. Choose from the following options the word that can be most appropriately used to complete the sentence grammatically and contextually.

**Q16.** The scientist issued a warning about the \_\_\_\_\_ eruption of the volcano based on increased seismic activity in the region.

- (a) latent
- (b) relevant
- (c) negligent
- (d) imminent
- (e) coherent

**Q17.** The quaint bookstore attracted customers with its charming atmosphere and the \_\_\_\_\_ of rare, hard-to-find books.

- (a) security
- (b) integrity
- (c) creativity
- (d) liberty
- (e) novelty

**Q18.** The medical \_\_\_\_\_ witnessed breakthroughs in treatments and vaccinations, saving countless lives and improving public health.

- (a) attention
- (b) intention
- (c) revolution
- (d) inspiration
- (e) conversation

**Directions (19-20):** 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. If the word has been used incorrectly in all the statements, mark "None of these", as your answer.

**Q19. Coach**

- (i) The leadership **coach** conducted workshops to enhance managerial skills, enabling professionals to excel in their roles.
  - (ii) In times of adversity, the motivational **coach** inspired individuals to overcome challenges and reach their full potential.
  - (iii) To celebrate their anniversary, the couple organized a friendly **coach** of board games, filled with laughter and competition.
- (a) Both (i) & (ii)
  - (b) Only (ii)
  - (c) Only (iii)
  - (d) Both (ii) & (iii)
  - (e) None of these

**Q20. Hatch**

- (i) The rescue team safeguards sea turtle eggs from poachers, ensuring a successful **hatch** for the endangered species.
- (ii) In times of uncertainty, it is wise to seek **hatch** from trusted friends or family members for sound advice.

(iii) The scientists observe with excitement as the experiment begins to **hatch** results, promising groundbreaking discoveries in quantum physics.

- (a) Only (ii)
- (b) Only (i)
- (c) Both (ii) & (iii)
- (d) Both (i) & (iii)
- (e) None of these

**Directions (21-30): Read the following passage and answer the given questions.**

Lack of physical activity is a global concern, contributing to over 5 million deaths annually. Researchers at The School of Medicine delved into the world of sedentary living, revealing the **profound** health benefits of even light physical activity like standing. Another study emphasized how excessive sitting remains a prevalent issue among working class individuals.

While moderate-to-vigorous physical activity is known to reduce the risk of various age-related chronic diseases, a study in the Journals of Gerontology: Medical Sciences (October 2020) surprisingly found that merely standing still is associated with lower mortality risk.

The research at The School of Medicine included nearly 6,000 women aged 63 to 97. They wore accelerometers for seven days to measure their sitting, standing, and movement time. Remarkably, those who spent more time standing had a 37% lower risk of death compared to those who sat more. Even standing still for as little as 30 minutes a day was linked to reduced mortality risk, and combining standing with movement yielded even greater benefits.

This research uncovered numerous advantages linked to regular physical exercise, affecting not only physical but also mental and emotional well-being. Regular exercise improved cardiovascular health, muscle strength, and flexibility, with yoga specifically enhancing body awareness, balance, and posture. Physical activities, including yoga, reduced stress by releasing endorphins and \_\_\_\_\_ effective stress and anxiety management through mindfulness techniques. Exercise positively impacted mental health, reducing depression and anxiety symptoms, and yoga's focus on breathing and meditation improved psychological well-being. Incorporating physical activities into daily routines increased productivity and focus, particularly with yoga's capacity to enhance concentration and mental clarity, improving work performance. Exercise, including yoga, promoted better sleep patterns and helped combat insomnia, with yoga's relaxation techniques preparing the body and mind for restful sleep.

These studies **value** the importance of physical activity for health and highlight the harm of **prolonged** sitting. They emphasize that even minor changes, such as increasing standing time and reducing sedentary behavior, can significantly enhance overall well-being in our modern, sedentary lifestyles.

**Q21. What is the primary focus of the research conducted at the School of Medicine, as mentioned in the passage?**

- (a) Measuring the prevalence of excessive sitting of individuals
- (b) Analyzing the impact of yoga on mental health
- (c) Investigating the effects of accelerometers on mortality risk
- (d) Examining the benefits of light physical activity, including standing
- (e) Evaluating the role of mindfulness techniques in reducing stress

**Q22. According to the passage, what are some of the physical benefits of regular exercise?**

- (a) Decreased stress and anxiety levels among individuals practicing regular exercise.
- (b) Improved cardiovascular health, leading to a stronger heart and better circulation.
- (c) Enhanced mental clarity and concentration, resulting in improved cognitive function.
- (d) Decreased body awareness and balance, making it difficult to maintain stability.
- (e) Promotion of insomnia, causing difficulty in falling asleep and staying asleep.

**Q23. Identify the INCORRECT statement from the options:**

- (a) The study at The School of Medicine found that sitting for long periods is associated with lower mortality risk.
- (b) Regular exercise positively impacts mental health by reducing depression and anxiety symptoms.
- (c) Yoga specifically enhances body awareness, balance, and posture.
- (d) The research included nearly 6,000 women aged 63 to 97.
- (e) Physical activities, including yoga, can reduce insomnia.

**Q24. Identify the statement that is/are correct according to the passage.**

- (I) Insufficient physical activity results in more than 5 million annual fatalities.
- (II) The study conducted at the School of Medicine included nearly 10,000 female participants.
- (III) Just 30 minutes of standing still each day was associated with a decreased risk of mortality.
- (a) only (I)
- (b) Both (I) and (III)
- (c) only (III)
- (d) Both (II) and (III)
- (e) All are correct

**Q25. Which of the following statement is/are FALSE according to the passage?**

- (I) Prolonged sitting is a common concern among people in the working class.
- (II) The study in the Journals of Gerontology: Medical Sciences was published in November 2020.
- (III) Physical activities, including yoga, reduce stress by releasing endorphins.
- (a) only (I)
- (b) Both (II) and (III)
- (c) only (II)
- (d) Both (I) and (III)
- (e) All are correct

**Q26. Identify the CORRECT statement from the options.**

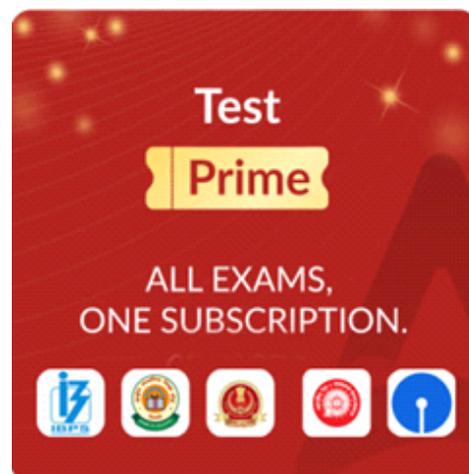
- (a) The study at The School of Medicine included over 10,000 women aged 18 to 45.
- (b) Regular exercise negatively impacts mental health by increasing depression and anxiety symptoms.
- (c) Yoga primarily focuses on improving cardiovascular health.
- (d) Incorporating physical activities into daily routines increased productivity and focus.
- (e) Physical activities, such as yoga, don't have any impact on sleep patterns.

**Q27. What is a synonym for the word 'value' as used in the passage?**

- (a) Underestimate
- (b) Disregard
- (c) Underline
- (d) Devalue
- (e) Neglect

**Q28. What is the antonym for the word 'profound' as used in the passage?**

- (a) Shallow
- (b) Inherent
- (c) Complicated
- (d) Deep
- (e) Complex



**Q29. What is a synonym for the word 'prolonged' as used in the passage?**

- (a) Extended
- (b) Brief
- (c) Shortened
- (d) Interrupted
- (e) Delayed

**Q30. Choose the most suitable word to fill in the given blank.**

- (a) Hindered
- (b) Promoted
- (c) Confused
- (d) Restricted
- (e) Deteriorated

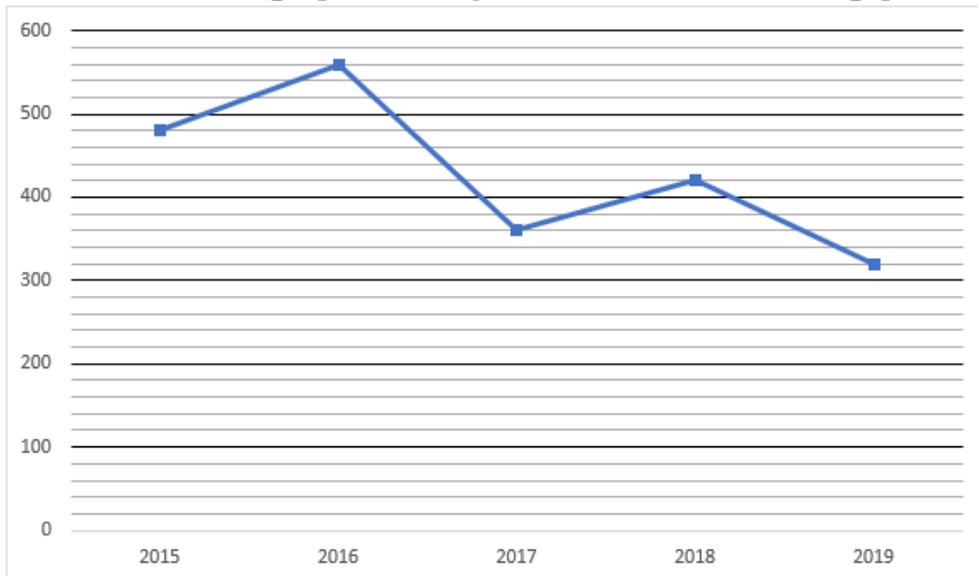
**Q31. Two trains A and B can cross a pole in 15 seconds & 9 seconds respectively. If speed of train A and B is 72 km/hr & 144 km/hr respectively, then find the time (in seconds) taken by train B to cross train A when both running in opposite direction.**

- (a) 22
- (b) 11
- (c) 15
- (d) 33
- (e) 30

**Q32. 160 liters mixture of milk and water in the ratio of 5 : 3 respectively. 48 liters of mixture is taken out from the vessel and 13 liters of water added in the remaining mixture. Find the difference between quantity of milk and water in the resulting mixture.**

- (a) 25 liters
- (b) 24 liters
- (c) 12 liters
- (d) 18 liters
- (e) 15 liters

**Directions (33-37): The line graph given below shows the number of books sold by a publisher in five different years. Read the line graph carefully and answer the following questions.**



**Q33. Total books sold in the years 2016 and 2017 together is what percentage more or less than total books sold in the year 2015 and 2019 together.**

- (a) 15%
- (b) 12.5%
- (c) 8%
- (d) 12%
- (e) 10%

**Q34. Find the ratio of books sold in year 2019 to that of in 2017.**

- (a) 9:8
- (b) 8:9
- (c) 8:11
- (d) 8:7
- (e) 9:10

**Q35. In year 2020, total book sold by the publisher is equal to the sum of book sold in 2016 and 2018. Find total books sold in 2020 is how much more than that of in 2015.**

- (a) 500
- (b) 420
- (c) 540
- (d) 480
- (e) 400

**Q36. If 20% of total books published by publisher are not sold in 2017, then find the total unsold books in 2017 is what percentage of total books sold in 2015.**

- (a) 15.75%
- (b) 21.25%
- (c) 18.75%
- (d) 12.25%
- (e) 10.50%

**Q37. Find the average number of books sold in all the given years.**

- (a) 412
- (b) 448
- (c) 408
- (d) 428
- (e) 418

**Directions (38-52):** What will come in the place of question (?) mark in the following questions.

**Q38.**  $364 - 269 + 50 \times 12 \div (20\% \text{ of } 80) = ?$

- (a) 128
- (b) 129.5
- (c) 124
- (d) 132.5
- (e) 131.5

**Q39.**  $\{19^2 - 27^2 + (1400 + 72)\} \div ? = 92$

- (a) 18
- (b) 22
- (c) 12
- (d) 24
- (e) 20

**Q40.**  $\sqrt{16900} \div 26 + ? \times 20 \times \frac{1}{5} = \sqrt[3]{2197} \times 5$

- (a) 21
- (b) 15
- (c) 11
- (d) 28
- (e) 8

**Q41.**  $\sqrt[3]{21952} \div 7 + \sqrt{900} = ? + (14^2 - 107 \times 2)$

- (a) 26
- (b) 35
- (c) 39
- (d) 69
- (e) 52

**Q42.**  $(28)^2 + (9)^3 + \sqrt{7225} + \sqrt[3]{8} = (?)^2$

- (a) 62
- (b) 34
- (c) 88
- (d) 40
- (e) 12

**Q43.**  $132\% \text{ of } 800 - 12.5\% \text{ of } 2048 = 4 \times ?$

- (a) 182
- (b) 200
- (c) 212
- (d) 256
- (e) 176

**Q44.**  $\frac{25}{14} \text{ of } 196 - \frac{20\% \text{ of } 2500}{20 \times 10} \times \frac{1}{25} \div \frac{1}{2025} = ?$

- (a) 147.5
- (b) 142.5
- (c) 176.5
- (d) 213.5
- (e) 98.5

**Q45.**  $(16)^? \times \frac{1}{(4)^{2.5}} + 3^3 \times 2^3 = 218$

- (a) 0.5

- (b) 1.5
- (c) 3.5
- (d) 4.5
- (e) 0.25

**Q46.**  $37\% \text{ of } ? + (11)^2 - 28.5 \times 6 + 12 = (31)^2$

- (a) 2650
- (b) 2600
- (c) 2750
- (d) 2700
- (e) 2760

**Q47.**  $\frac{3}{8} \text{ of } \frac{5}{27} \text{ of } \frac{32}{45} \text{ of } 2187 = ?\% \text{ of } 400$

- (a) 21
- (b) 23
- (c) 25
- (d) 27
- (e) 29

**Q48.**  $4\frac{7}{12} + 6\frac{5}{6} - 8\frac{3}{4} = ? + 1\frac{2}{3}$

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

**Q49.**  $255.4 + 372.8 + 253.8 = ?$

- (a) 892
- (b) 882
- (c) 862
- (d) 872
- (e) None of these

**Q50.**  $?^3 = \frac{3}{7} \text{ of } 1771 - 864 \div 16 \times \frac{5}{9}$

- (a) 9
- (b) 11
- (c) 7
- (d) 6
- (e) 729

**Q51.**  $(3.5)^2 + ?\% \text{ of } 51 = \sqrt{625}$

- (a) 20
- (b) 25
- (c) 35
- (d) 30
- (e) 45

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**Q52.**  $1288 + ?^3 = 754 \times 4$

- (a) 12
- (b) 10
- (c) 16
- (d) 18
- (e) 24

**Q53.** The ratio of length to breadth of a rectangle is 5:2. If side of a square is half of the breadth of the rectangle and area of the square is  $169 \text{ cm}^2$ , then find the perimeter of the rectangle (in cm).

- (a) 172
- (b) 182
- (c) 192
- (d) 102
- (e) 212

**Q54.** The present age of A and B are in the ratio of 9 : 11 respectively. Twelve years hence, the ratio of age of A and B will be 13 : 15. Find the age of B, fourteen years from now (in years).

- (a) 42 years
- (b) 43 years
- (c) 45 years
- (d) 47 years
- (e) 50 years

**Q55.** A invested a sum of Rs. P at 8% per annum on simple interest for three years and the total interest received from it he was invested at 25% compound interest for two years. If total compound interest received by A is Rs.486, then find the value of P (in Rs).

- (a) 3200
- (b) 5000
- (c) 1500
- (d) 4500
- (e) 3600

**Q56.** A, B and C together can complete a work in 24 days. A takes three times as much as time taken by B and C together to do the same work. Find the days taken by A alone to complete the whole work.

- (a) 24
- (b) 48
- (c) 36
- (d) 96
- (e) 108

**Q57.** A shopkeeper sold two articles A and B at 12.5% profit & 62.5% profit respectively. If total profit earned by the shopkeeper is Rs.345 and the cost price of article A is Rs.120 less than that of article B, then find the cost price of article B.

- (a) Rs.480
- (b) Rs.600
- (c) Rs.720

- (d) Rs.360  
(e) Rs.450

**Q58.** The speed of a boat in still water is 50% more than the speed of stream. If the boat takes total 11 hours to cover 40 km in downstream and 80 km in upstream, then find the distance covered by boat in 2.5 hours in downstream?

- (a) 100 km  
(b) 110 km  
(c) 120 km  
(d) 90 km  
(e) 105 km

**Q59.** The ratio of investment of A, B and C are 4:3:6 for the period of 14 months, 12 months and 6 months respectively. If the profit share of A is Rs.28000, then find the sum of profit share of B and C?

- (a) Rs. 24000  
(b) Rs. 28000  
(c) Rs. 36000  
(d) Rs. 35000  
(e) Rs. 30000

**Q60.** A man spends 52% of his monthly salary on education & household stuffs, 23% on rent and rest Rs.18000 he saved. Find the monthly salary of man.

- (a) Rs.72000  
(b) Rs.60000  
(c) Rs.48000  
(d) Rs.84000  
(e) Rs.96000

**Directions (61-65):** What value should come in place of question (?) mark in following number series.

**Q61.** 2, 4, 12, 48, 240, ?

- (a) 1440  
(b) 1420  
(c) 1425  
(d) 1428  
(e) 1410

**Q62.** 512, 520, 536, 560, 592, ?

- (a) 630  
(b) 628  
(c) 624  
(d) 632  
(e) 620

**Q63.** 129, 250, 106, 275, ? 304

- (a) 75
- (b) 79
- (c) 325
- (d) 300
- (e) 290

**Q64.** ?, 53, 68, 94, 131, 179

- (a) 50
- (b) 47
- (c) 48
- (d) 49
- (e) 51

**Q65.** 10, 21, ?, 25, 6, 29

- (a) 8
- (b) 7
- (c) 23
- (d) 34
- (e) 10

**Directions (66-68):** In each of the questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Q66. Statements:**

Only a few paint is royal  
Only a few royal is colour  
Some colour is bright

**Conclusions:**

I. All royal being colour is a possibility.  
II. Some bright is not colour.

- (a) If only conclusion II follows.
- (b) If both conclusions I and II follow.
- (c) If either conclusion I or II follows.
- (d) If only conclusion I follows.
- (e) If neither conclusion I nor II follows.

**Q67. Statements:**

Only a few solar is radiation  
All solar is heater  
No radiation is cell

**Conclusions:**

- I. Some heater is not radiation
- II. Some solar can never be cell
- (a) If only conclusion II follows.
- (b) If both conclusions I and II follow.

- (c) If either conclusion I or II follows.
- (d) If only conclusion I follows.
- (e) If neither conclusion I nor II follows.

**Q68. Statements:**

All galaxy is universe  
No galaxy is planet  
Only a few planet is earth

**Conclusions:**

- I. All planet can never be earth
- II. Some universe is not planet
- (a) If only conclusion II follows.
- (b) If both conclusions I and II follow.
- (c) If either conclusion I or II follows.
- (d) If only conclusion I follows.
- (e) If neither conclusion I nor II follows.

**Directions (69-73): Study the following information carefully and answer the questions given below:**

Eight persons sit around a circular table such that all of them face towards the centre. V sits two persons away from P. Only two persons sit between U and V. S sits second to the right of U and is adjacent to P. As many persons sit between S and V as between U and R. W sits second to the right of Q. Q sits adjacent to T.

**Q69. How many persons sit between T and U when counts from the right of U?**

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

**Q70. Four of the following five are alike in certain way and thus forms a group, then which among the following doesn't belong to that group?**

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

**Q71. Which among the following statement is true?**

- (a) R sits adjacent to T
- (b) Three persons sit between P and W
- (c) U sits exactly between W and V
- (d) V sits adjacent to both Q and S
- (e) None is true

**Q72. If all the persons sit in alphabetical order starts from P in clockwise direction, then the position of how many persons remains unchanged (except P)?**

- (a) None

- (b) One
- (c) Three
- (d) Two
- (e) More than three

**Q73. Who among the following sits third to the right of T?**

- (a) U
- (b) W
- (c) S
- (d) V
- (e) None of these

**Directions (74-78): Study the following alphabetical series carefully and answer the questions given below:**

A E T W I B K O D C U G L P X M E J I K Y U E W Q B L S O A P D

**Q74. How many vowels are immediately followed by a consonant and immediately preceded by a vowel?**

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

**Q75. If all the vowels are eliminated from the given series then which among the following element is 11<sup>th</sup> from the right end?**

- (a) J
- (b) M
- (c) X
- (d) L
- (e) P

**Q76. How many letters which come in the second half of alphabet are there between the elements which are 5<sup>th</sup> from both the ends?**

- (a) Seven
- (b) Nine
- (c) Six
- (d) Eight
- (e) Five

**Q77. Which among the following consonant is sixth to the left of the vowel which is third from the right end?**

- (a) X
- (b) M
- (c) G
- (d) D

(e) P

**Q78. If the last ten elements of the given series are written in reversed then which among the following element is eighth to the right of J?**

- (a) S
- (b) O
- (c) B
- (d) Y
- (e) D

**Q79. If in the given word "DRASTIC" all the vowels are changed with their immediate succeeding letter and all the consonants are changed with their immediate preceding letter according to alphabetical series then how many letters are repeated after the arrangement?**

- (a) None
- (b) Three
- (c) One
- (d) Two
- (e) More than three

**Directions (80-82): Study the following information carefully and answer the questions given below:**

F is son-in-law of C who is father of B. E is grandchild of A who has only two children. G is the only nephew of B. E is sibling of G. D is the only married child of A. Gender of A is different from gender of B. Two married couples are in the family.

**Q80. How A is related to F?**

- (a) Father-in-law
- (b) Aunt
- (c) Mother
- (d) Mother-in-law
- (e) Sister

**Q81. If E is married to Y then how is Y related to D?**

- (a) Daughter
- (b) Son-in-law
- (c) Mother-in-law
- (d) Son
- (e) Sister-in-law

**Q82. Four of the following five are alike in certain way and thus forms a group, then who among the following doesn't belong to that group?**

- (a) C
- (b) B
- (c) F
- (d) G
- (e) E

**Directions (83-87):** Study the following information carefully and answer the questions given below-

Eight persons B, C, D, E, F, G, M and N plan to go to the market (but not necessarily in the same order) either on 1 or 24 in four different months of a non-leap year viz. January, February, March and April.

G goes on an even date in the month which has even numbers of days. Two persons go between G and E. F goes just before M. There are as many persons go after E as before M. B goes just before D but both go in different months. At most one person goes between G and N. C goes before N.

**Q83. Which two people go to the market in January?**

- (a) B and D
- (b) C and F
- (c) G and N
- (d) E and B
- (e) B and N

**Q84. On which date and month does F go to the market?**

- (a) 1<sup>st</sup>April
- (b) 24<sup>th</sup> February
- (c) 24<sup>th</sup> March
- (d) 1<sup>st</sup>January
- (e) Cannot be determined

**Q85. Four of the following five are alike in a certain way and hence form a group. Who among the following does not belong to that group?**

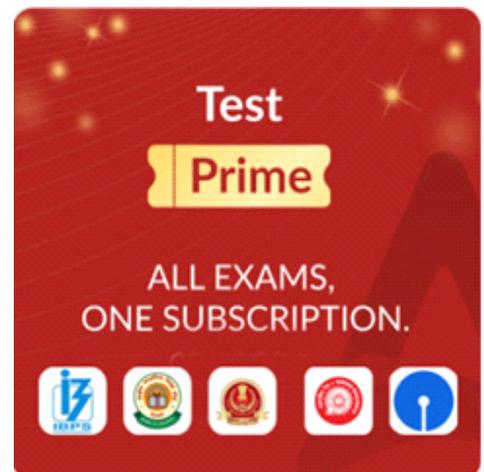
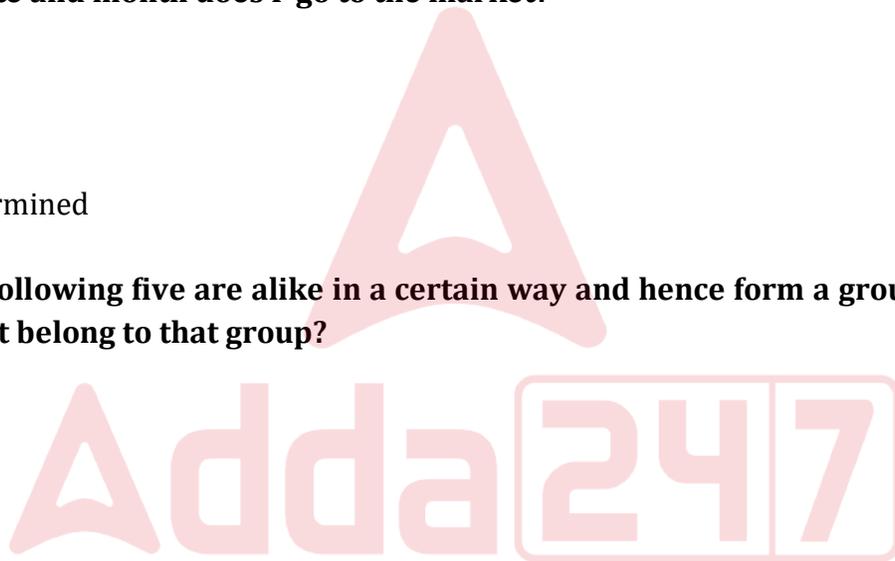
- (a) E
- (b) N
- (c) C
- (d) M
- (e) B

**Q86. How many people go to the market in between D and F?**

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

**Q87. Which of the following statement is true?**

- (a) D goes on the 1<sup>st</sup> of April.
- (b) F goes in February.
- (c) B goes on the 24<sup>th</sup> of January.
- (d) E and M go in the same month.
- (e) G goes on the 24<sup>th</sup> of April.



**Directions (88-90):** Study the following information carefully and answer the questions given below-

Point G is in 8m west of point C which is 12m north of point H. Point I is in 6m east of point H. Point K is in 15m west of point D which is 18m south of point G. Point E is in 10m west of point B and 27m north of point K. Point F is in 5m north of point B. Point F is in 20m east of point A.

**Q88. What is the shortest distance between point I and point G?**

- (a) 18m
- (b)  $\sqrt{340}$  m
- (c)  $\sqrt{288}$ m
- (d) 12m
- (e)  $\sqrt{316}$ m

**Q89. In which direction is point E from point H?**

- (a) North-West
- (b) North-East
- (c) South-East
- (d) South-West
- (e) North

**Q90. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to that group?**

- (a) E-F
- (b) K-B
- (c) D-C
- (d) I-K
- (e) K-G

**Directions (91-94):** Study the following information carefully and answer the given questions:

**In a certain code language,**

'river flows calm night' is coded as 'ta ra fo si',  
 'moon shines bright calm' is coded as 'na mq ka ra',  
 'bright day brings hope' is coded as 'ka lu vi do',  
 'night brings serene moon' is coded as 'do fo na vx'.

**Q91. What will be the code for 'serene day shines' in the given code language?**

- (a) vx lu mq
- (b) fo do lu
- (c) ta do na
- (d) vi vx lu
- (e) si vx lu

**Q92. The code 'lu' is coded for?**

- (a) bright
- (b) hope
- (c) brings
- (d) day
- (e) Cannot be determined

**Q93.** If 'truck flows serene' is coded as 'wh ta vx' then how is 'river down' is coded in the given language?

- (a) do vi
- (b) lu si
- (c) vi ta
- (d) si pl
- (e) er ka

**Q94.** Which word could possibly be coded as 'ta vi' in the given language?

- (a) river brings
- (b) hope flows
- (c) day hope
- (d) shines calm
- (e) night day

**Q95.** In a row of children facing North, A is 11<sup>th</sup> from the left end and B is 17<sup>th</sup> from the right end. If C is 4<sup>th</sup> to the right of A and 3<sup>rd</sup> to the left of B, how many children are there in the row?

- (a) 27
- (b) 34
- (c) 31
- (d) 33
- (e) 35

**Directions (96-100):** Study the following information carefully and answer the given questions:

Eight persons, namely M, N, O, P, Q, R, S, and T buy products one by one but not necessarily in the same order.

M bought the product immediately before Q. O bought the product immediately after R. S did not buy the product either first or last. Two persons bought the product between O and M. One person bought the product between M and S. P bought the product just before T. N and M do not buy the product adjacent to each other.

**Q96.** Who bought the product two persons before N?

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

**Q97.** How many persons buy product between R and T?

- (a) Two
- (b) One
- (c) More than three
- (d) None
- (e) Three

**Q98.** Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to that group?

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

**Q99.** The numbers of persons buy product between P and S is same as the numbers of persons buy product before \_\_\_\_.

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

**Q100.** Which of the following statement(s) is/are true?

- I.** T buys before O
  - II.** S buys just after Q
  - III.** More than two persons buy the product between O and Q
- (a) Only II
  - (b) Both I and III
  - (c) Both II and III
  - (d) Only I
  - (e) Only III

