

IBPS Clerk Pre 2024 Memory Based Paper Based on 24th August 1st Shift

Directions (1-5): Study the following information carefully and answer the questions given below.
Eight persons A, B, C, D, E, F, G and H purchase product one after another but not necessarily in the same order.

Two persons purchase product between D and F. One person purchase product between C and F. C purchase after F. As many persons purchase before E as after G. Neither F nor D is the first person to purchase a product. A purchase product three persons before B who is third last person to purchase a product. One person purchase product between A and E. F purchase before D.

Q1. Which one of the following is true?

- (a) A purchases product immediately after C
- (b) F is the fourth last person to purchase a product
- (c) H is second last person to purchase a product
- (d) D purchases product just after A
- (e) None is true

Q2. How many people purchase the product between A and H?

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

Q3. Four of the following five pair are alike in a certain way and thus form a group. Which among the following does not belong to that group?

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

Q4. As many persons purchase product after D is same as many persons purchase product between F and ____.

- (a) A
- (b) B
- (c) E
- (d) None of these
- (e) G

Q5. How many people purchase the product before B?

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

Directions (6-10): In each of the questions, relationships between some elements are shown in the statements. These statements are followed by conclusions numbered I and II. Read the statements and give the answer.

Q6. Statements: $X \geq Y > U = W, Z > U \leq V$

Conclusions:

I. $V > W$

II. $W < X$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If both conclusions I and II are true
- (e) If neither conclusion I nor II is true

Q7. Statements: $G \geq H = I > E \geq F$

Conclusions:

I. $G > F$

II. $F = G$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If both conclusions I and II are true
- (e) If neither conclusion I nor II is true

Q8. Statements: $A \leq B < C = D, F \leq C = I$

Conclusions:

I. $A < C$

II. $D \geq F$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If both conclusions I and II are true
- (e) If neither conclusion I nor II is true

Q9. Statements: $L > A = N > C \geq Q$

Conclusions:

I. $N < L$

II. $A \geq Q$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If both conclusions I and II are true
- (e) If neither conclusion I nor II is true

Q10. Statements: $J \geq K < L = M$, $O \leq L > T$

Conclusions:

I. $J > L$

II. $O < M$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If both conclusions I and II are true
- (e) If neither conclusion I nor II is true

Q11. If we form a four-letter meaningful word by using the fourth, sixth, seventh and ninth letters from the left end of the word "PROMOTION", then which of the following will be the third letter from the left end of the meaningful word thus formed. If more than one such word is formed mark X as your answer. If no meaningful word is formed, mark Y as your answer?

- (a) M
- (b) Y
- (c) N
- (d) T
- (e) X

Directions (12-16): Study the following information carefully and answer the questions given below.

Eight persons – P, Q, R, S, T, U, V and W were born in eight different months- January, April, May, August, September, October, November and December but not necessarily in the same order.

P was born in a month having even number of days. U was born one month before P. As many persons were born before V is same as many persons were born after W. V was born three months after Q. Two persons were born between R and S who was born after R.

Q12. Four of the following five are alike in a certain way and thus form a group. Which among the following does not belong to that group?

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

Q13. How many persons were born between Q and S?

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

Q14. As many persons were born before U is same as many persons were born after ____.

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

Q15. R was born how many months before W?

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

Q16. Which one of the following is true?

- (a) Three months gap between when Q and U were born
- (b) Q was not the first person to be born
- (c) P was born two persons before W
- (d) S was born in September
- (e) None is true

Q17. In the number '671923', If digit is greater than 5 then 3 is subtracted from the given digit and if digit is less than 6 then 2 is added to the digit of the given digit, then which of the following digit are appears more than once?

- (a) Only 3
- (b) Only 4
- (c) Only 3 and 4
- (d) Only 4 and 5
- (e) None of these

Directions (18-22): Study the following alphanumeric-symbol series carefully to answer these questions.

W 2 % F 7 # M 3 K & 5 T @ 1 H 9 * L 8 D 4 P ? 6 J

Q18. How many such digits are there in the above arrangement which are immediately followed by a symbol and immediately preceded by a consonant?

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

Q19. Find the odd one out?

- (a) 27%
- (b) P8?
- (c) M&3
- (d) TH@
- (e) *DL

Q20. If we dropped all the symbols then how many elements in between 4th letter from the left end and 3rd digit from the right end?

- (a) More than five
- (b) Three
- (c) Five
- (d) Two
- (e) Four

Q21. How many such letters are there in the above arrangement which are Immediately preceded by a symbol and immediately followed by a number?

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

Q22. How many such symbols are there in the above arrangement which are immediately preceded by a letter and immediately followed by a number?

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

Directions (23-25): Study the following information carefully to answer these questions.

Six persons are arranged according to their height in descending order from left to right. B is taller than D but shorter than A who is not the tallest among all. D is taller than E. F is taller than D but shorter than C. As many persons are between C and F as many between F and D.

Q23. How many persons are shorter than C?

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

Q24. If the sum of the heights F and B is 76cm and sum of the heights F and D is 65cm then what is the sum of the heights of B and D (If F is 12cm taller than B)?

- (a) 61cm
- (b) 53cm
- (c) 52cm
- (d) 54cm
- (e) 55cm

Q25. How many persons are between A and F?

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

Directions (26-29): Study the following information carefully to answer these questions.

A Certain number of persons sit in a row facing north. R sits 2nd to the left of J. Q sits 4th to the right of R. Four persons sit between A and S. S sits 6th to the left of U. T sits exactly between S and U. As many persons sit to the left of K as many right of K. R sits 2nd from one of the extreme ends. M sits 2nd to the right of U. A and U are not an immediate neighbour. K sits 3rd to the right of A. One person sits between Q and A.

Q26. How many persons sit in the row?

- (a) 23
- (b) 14
- (c) 18
- (d) 21
- (e) 19

Q27. What is the position of K with respect to T?

- (a) 5th to the left
- (b) 3rd to the left
- (c) 4th to the right
- (d) 5th to the right
- (e) Immediate left

Q28. How many persons sit between J and S?

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

Q29. Which of the following is true?

- I. Q sits 5th from one of the extreme ends
 - II. Two persons sit between S and T
 - III. K and Q are not an immediate neighbour
- (a) Both II and III
 - (b) Both I and II
 - (c) Only II
 - (d) Only III
 - (e) All I, II and III

Q30. In the given number '479851326', What is the resultant difference between the sum of all the even digits and sum of all the odd digits?

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 0

Directions (31-35): Study the following information carefully to answer these questions.

Eight persons sit around a circular table facing inside the centre. E sits 2nd to the right of C. Two persons sit between E and A. F is not an immediate neighbour of G. B sits opposite to D. G sits 2nd to the left of H. D and H are not an immediate neighbour.

Q31. What is the position of C with respect to A?

- (a) 2nd to the right
- (b) 5th to the left
- (c) 3rd to the left
- (d) Immediate right
- (e) Immediate left

Q32. How many persons sit between D and H, when counted from the left of H?

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

Q33. Which of the following is true?

- (a) G sits 2nd to the left of E
- (b) A does not face F
- (c) E and D are immediate neighbours
- (d) G sits two persons away from B
- (e) None is true

Q34. Who sits immediately to the right of G?

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

Q35. Which of the following pairs represents the immediate neighbours of B?

- (a) D, E
- (b) F, A
- (c) C, H
- (d) G, H
- (e) C, D

Directions (36-44): Read the following passage and answer the given questions.

In a small village nestled in the heart of the Deccan Plateau, lived a remarkable woman named Laxmi. From a young age, she was deeply passionate about farming, an interest that set her apart in her community. Her journey began in her twenties when she joined a local community called Sangam, an initiative that aimed to increase awareness about indigenous goods and sustainable farming practices. Sangam was more than just a community; it was a movement dedicated to preserving the rich agricultural heritage of the region. Laxmi quickly became a prominent member of Sangam, thanks to her vast knowledge and unwavering commitment to the cause. She took up the cultivation of various crops such as cereals, pulses, and oilseeds, mastering the techniques that had been passed down through generations. But Laxmi didn't stop at just farming; she saw the potential for these crops to transform her village's economy and way of life. Recognizing the need for education, Laxmi began organizing workshops and **events** where she taught the villagers the art of farming these indigenous products. She shared the benefits of traditional agricultural practices, emphasizing their role in ensuring food security and promoting sustainability. One of her key lessons was the importance of storing agricultural products, a practice that could protect the community from the uncertainties of weather and market fluctuations.

Laxmi's efforts bore fruit as more and more villagers embraced her teachings. The community saw a significant increase in crop yields, and the **stored** produce became a vital resource during lean periods. Beyond farming, Laxmi also advocated for the use of organic methods, which not only improved the soil health but also produced healthier, chemical-free food for the villagers. Through her tireless work, Laxmi transformed her village, making it a model of sustainable living and self-reliance.

Q36. Which of the following statements is incorrect based on the information given in the passage?

- (a) Laxmi was a member of a community called Sangam, which aimed to increase awareness about indigenous goods and sustainable farming practices.
- (b) Laxmi organized workshops and events to educate villagers on the benefits of traditional farming methods.
- (c) The villagers learned to store agricultural products, which became a vital resource during lean periods, thanks to Laxmi's teachings.
- (d) Laxmi started farming of only cereals, focusing on a single crop to ensure high yields and consistency in farming practices.
- (e) Laxmi advocated for organic farming methods to improve soil health and produce healthier, chemical-free food for the villagers.

Q37. What was the primary objective of the community called Sangam that Laxmi joined in her twenties?

- (a) To promote modern farming techniques that integrate advanced machinery and technology for increased agricultural productivity.
- (b) To raise awareness about indigenous goods and sustainable farming practices that help preserve the region's agricultural heritage.
- (c) To provide financial support to farmers in the form of low-interest loans and grants to improve their economic stability.
- (d) To introduce genetically modified crops that promise higher yields and resistance to pests and diseases.
- (e) To train villagers in animal husbandry, focusing on improving livestock care and increasing dairy production.

Q38. Which of the following statement(s) is/are correct based on the information given in the passage?

- I. Laxmi joined the Sangam community in her twenties to promote the use of modern farming technologies.
 - II. Laxmi emphasized the importance of storing agricultural products to protect the community from uncertainties.
 - III. Laxmi's efforts led to a significant increase in crop yields and the adoption of organic farming methods in the village.
- (a) Only I is correct.
 - (b) Only II is correct.
 - (c) Only III is correct.
 - (d) Both I and II are correct.
 - (e) Both II and III are correct.

Q39. Which practice did Laxmi emphasize as essential to protect the community from the uncertainties of weather and market fluctuations?

- (a) Exporting crops to other regions, which could provide a higher income but involves risks associated with market demand and transport.
- (b) Relying on monsoon rains as the primary source of water for crops, despite the increasing unpredictability of climate patterns.
- (c) Switching to cash crops that offer potentially higher immediate profits but may compromise long-term soil fertility and food security.
- (d) Using chemical fertilizers that promise quick results in boosting crop yields but can lead to soil degradation over time.
- (e) Storing agricultural products in well-maintained facilities to ensure a stable food supply and financial security during times of scarcity or poor harvests.

Q40. What role did Laxmi play in preserving the agricultural heritage of her region?

- (a) She documented ancient farming techniques and published them in a local journal.
- (b) She advocated for the use of indigenous crops and traditional farming methods to maintain the region's agricultural practices.
- (c) She imported seeds from other regions to diversify the village's agricultural output.
- (d) She worked with local government to introduce subsidies for farmers using organic methods.
- (e) She built a museum to showcase the history of farming in her village.

Q41. What was one of the main reasons Laxmi organized events in her village?

- (a) To celebrate local festivals and strengthen the village's cultural identity.
- (b) To introduce modern agricultural technologies that could enhance crop production.
- (c) To teach the villagers about the benefits of farming indigenous products and how these could lead to greater self-reliance.
- (d) To attract investors and increase funding for the village's agricultural projects.
- (e) To establish connections with other farming communities for the exchange of knowledge and resources.

Q42. Which of the following words has a similar meaning to "EVENTS" as used in the passage?

- (a) Meets
- (b) Occurrences
- (c) Incidents
- (d) Celebrations
- (e) Companies

Q43. What additional benefit did Laxmi promote through the use of organic farming methods, according to the passage?

- (a) Higher profits from export markets that demand organically grown produce, thereby opening up new revenue streams for the village farmers.
- (b) Lower costs due to reduced labor and the avoidance of expensive chemical inputs, making farming more economically viable for small-scale farmers.
- (c) Faster crop growth, allowing farmers to harvest more frequently and meet the growing demand for agricultural products in local and regional markets.
- (d) Improvement in soil health and the production of chemical-free food, which contributes to better nutrition and long-term sustainability for the community.
- (e) Easier farming techniques that reduce the physical strain on farmers, enabling them to manage larger plots of land with less effort and time.

Q44. Which of the following words has a similar meaning to "STORED" as used in the passage?

- (a) Collected
- (b) Preserved
- (c) Stocked
- (d) Gathered
- (e) Accumulated

Q45. Given below are four sentences, out of which one sentence is grammatically incorrect. Choose the option which points out the grammatically incorrect sentence. If all sentences are correct. Choose 'All are correct' as your answer.

- (a) After the long hike, she lay down on the grass, exhausted but content
- (b) Amidst the flickering twilight, she strained to see the distant silhouette.
- (c) The stock prices rise whenever there is positive news about the company.
- (d) As tensions rise in the negotiations, both sides are seeking a compromise.
- (e) All are correct

Q46. Given below are four sentences, out of which one sentence is grammatically incorrect. Choose the option which points out the grammatically incorrect sentence. If all sentences are correct. Choose 'All are correct' as your answer.

- (a) India is known for its beautiful culture and different types of crafts and traditions.
- (b) The central bank raised interest rates to combat rising inflation, hoping to stabilize the economy.
- (c) The government introduced a subsidy for renewable energy projects to encourage investment.
- (d) The absence of quality land records specifically affects the ability of marginal farmers to gain access to credit from formal organisations.
- (e) All are correct

Q47. Given below are four sentences, out of which one sentence is grammatically incorrect. Choose the option which points out the grammatically incorrect sentence. If all sentences are correct. Choose 'All are correct' as your answer.

- (a) Bamboo is a sustainable, eco-friendly and affordable alternative to plastic, wood and even aluminum.
- (b) The manifestation of 'inclusive development of India' can be evident from its impact on regional development.
- (c) She felt her spirits rise when she heard the good news.
- (d) The availability of both surface and groundwater varying from one region to another.
- (e) All are correct

Q48. Given below are four sentences, out of which one sentence is grammatically incorrect. Choose the option which points out the grammatically incorrect sentence. If all sentences are correct. Choose 'All are correct' as your answer.

- (a) Foreign investment has significantly boosted the local economy, creating new jobs and opportunities.
- (b) Artificial intelligence is rapidly evolving, with the potential to transform industries across the globe.
- (c) Protecting endanger species is crucial for maintaining biodiversity and ecological balance.
- (d) The ancient ruins provide a glimpse into a civilization that once thrived thousands of years ago
- (e) All are correct

Directions (49-52): In each question a part is omitted which is then replaced by a blank. Choose the word from the given options that will fit into the blank most appropriately.

Q49. The snakes silently slide _____ the tall grass, barely making a sound.

- (a) off
- (b) through
- (c) away
- (d) down
- (e) up

Q50. She felt a mix of excitement and nervousness while _____ into the unknown territory for the first time.

- (a) resembling
- (b) gauging
- (c) expanding
- (d) floating
- (e) venturing

Q51. He kept going _____ his dreams, despite the many obstacles in his path.

- (a) up
- (b) before
- (c) out
- (d) after

Q52. The collector proudly displayed the first _____ of the rare comic book in a glass case.

- (a) depth
- (b) edition
- (c) emphasis
- (d) ability
- (e) moment

Directions (53-57): Rearrange the following sentences in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) Trust in institutions and interpersonal trust are positively correlated with economic prosperity, as they reduce transaction costs and encourage investment.
- (B) The survey also highlighted that countries with higher trust levels tend to have better governance, which further contributes to their economic success.
- (C) A recent survey explored the relationship between trust and prosperity, revealing a strong link between the two.
- (D) Consequently, nations that foster trust within their societies often experience greater economic growth and stability.
- (E) According to the survey, trust not only enhances social cohesion but also plays a crucial role in facilitating economic transactions.

Q53. Which of the following should be the FIRST sentence after rearrangement?

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

Q54. Which of the following should be the FOURTH sentence after rearrangement?

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

Q55. Which of the following should be the SECOND sentence after rearrangement?

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

Q56. Which of the following should be the THIRD sentence after rearrangement?

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

Q57. Which of the following should be the FIFTH sentence after rearrangement?

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

Q58. A word has been used in the sentences given below. Identify the statement(s) where the word has been used in a contextually and grammatically correct manner.

KNEE

- (I) She is so powerful that even her toughest opponents were forced to bend their **knees** in submission.
(II) While playing basketball, she injured her **knee** when she landed awkwardly after a jump.
(III) To make the perfect loaf of bread, you need to **knee** the dough until it becomes smooth and elastic.
- (a) Only (III)
(b) Both (I) and (II)
(c) Both (II) and (III)
(d) Only (I)
(e) All of these

Directions (59-61): In each of the questions given below, a sentence is given with four words highlighted. These four words may or may not be in their correct position. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

Q59. The paper **pulled (A) into (B)** the inner part of the copy machine and had to be **jammed (C) out (D)** by the printer technician.

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

Q60. Mrs. Griffin has **enough (A)** about **going (B)** her own school but is worried that she wouldn't have **thought (C)** students to keep it **opening (D)**.

- (a) A-B
(b) C-D
(c) A-B & C-D
(d) A-C & B-D
(e) No interchange required

Q61. It was unfortunate that our team's **halftime (A)** were **raised (B)** so high during **spirits (C)**, because we were subsequently **crushed (D)**.

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

Directions (62-65): In the following questions, a sentence is provided with a highlighted phrase that may be incorrect. If the highlighted phrase is incorrect, choose the option that best replaces the phrase to make the sentence both grammatically and contextually correct.

Q62. Despite renewable energy's potential, the global economy **remains heavily reliant in** fossil fuels, complicating the shift to sustainability.

- (a) remain heavily reliant in
- (b) remained heavily reliant in
- (c) remaining heavily reliant on
- (d) remains heavily reliant on
- (e) No correction required

Q63. Digital platforms have intensified ideological divisions, **leading at concerns about** social media's impact on public discourse and dialogue.

- (a) who lead to concerns about
- (b) leading to concerns about
- (c) lead to concerns about
- (d) leading to concerns on
- (e) No correction required

Q64. Cognitive biases **often distorting our perception of reality**, leading to decisions that contradict rational thinking.

- (a) often distort our perception of reality
- (b) often distorted our perception of reality
- (c) often distorts our perception of reality
- (d) often distort our perception in reality
- (e) No correction required

Q65. **Before I had sat** in the car, the driver opened the door for me.

- (a) Before I have sat
- (b) Before I sat in the car
- (c) Once I had been sitting
- (d) Before I am sitting
- (e) No replacement required

Directions (66-70): The graph shows the total number of orders received by five restaurants (A, B, C, D & E). Read the line graph and answer the following questions.



Q66. Find the average number ordered received by A, B and D.

- (a) 76
- (b) 72
- (c) 24
- (d) 66
- (e) 42

Q67. The orders received by D, 25% are veg orders and rest are non- veg orders, then find the non-veg orders received by D.

- (a) 80
- (b) 72
- (c) 84
- (d) 76
- (e) 92

Q68. Restaurant X received 33.37% more orders than that of A and Restaurant Y received 12.5% more orders than E. find the total orders received by X and Y.

- (a) 195
- (b) 190
- (c) 194
- (d) 196
- (e) 192

Q69. Find the orders received by A and E together are what percent more/less than that of B and C together.

- (a) 15%
- (b) 66.66%
- (c) 33.33%
- (d) 20%
- (e) 14.28%

Q70. Find the ratio of orders received by E to orders received B and D together.

- (a) 22:39
- (b) 39:22
- (c) 19:14
- (d) 19:16
- (e) 12:13

Q71. In April 2019, a man has Rs 17500 and it is increased by 20% every year in the starting of April. If man spends 60% of total amount in April 2021, then find total amount (in Rs.) man has at the end of April 2021?

- (a) 15120
- (b) 10060
- (c) 9080
- (d) 10080
- (e) 12080

Q72. The ratio of length to breadth of a rectangle is 4 : 3 and area of the rectangle is 300 cm square. If the breadth of rectangle decreased by 20% and the length is increased by 10%, then find the new perimeter (in cm) of the rectangle?

- (a) 68
- (b) 70
- (c) 60
- (d) 84
- (e) 48

Q73. A and B started a business with some amount. After 9 months, A left the business. At the end of a year, the profit share of A and B is in the ratio of 9 : 16. Find the ratio of investment of A and B respectively?

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

Q74. A, B and C together can do a work in 4 days, while B and C together can do the same work in 20/3 days. Find in how many days A alone can do 60% of the work?

- (a) 20
- (b) 18
- (c) 8
- (d) 6
- (e) 24

Q75. The speed of a train is 72 km/hr and it crosses a pole in 16 seconds. If speed of the train is increased by 12 meters/second, then find the time taken by the train to cross the same pole (in seconds)?

- (a) 20
- (b) 12
- (c) 15
- (d) 5
- (e) 10

Q76. A man invested Rs X in scheme A at the rate of 20% p.a. for two years on compound interest annually. Also, he invested same amount in scheme B at rate of 30% p.a. for two years on simple interest. If the difference between interest received from both schemes is Rs 896, then find the value of X (in Rs.)?

- (a) 6000
- (b) 6400
- (c) 4800
- (d) 5600
- (e) 3600

Q77. Cost price of two articles A and B is equal. Article A sold at profit of 20% and article B sold at loss of 30%, so overall loss of Rs 50 occurred. For received a profit of 40%, article B should sell at what price (in Rs)?

- (a) 700
- (b) 840
- (c) 560
- (d) 420
- (e) 980

Directions (78-82): Find the missing term of the given series.

Q78. 100, 101, 103, 109, 133, ?

- (a) 253
- (b) 216
- (c) 240
- (d) 200
- (e) 210

Q79. 12600, 1800, 300, 60, ?, 5

- (a) 15
- (b) 16
- (c) 40
- (d) 20
- (e) 30

Q80. ?, 189, 176, 193, 172, 197

- (a) 150
- (b) 180
- (c) 140
- (d) 120
- (e) 130

Q81. 8, 224, 249, 313, 322, ?

- (a) 315
- (b) 330
- (c) 340
- (d) 320
- (e) 300

Q82. 21, ?, 135, 544, 2725, 16356

- (a) 105
- (b) 84
- (c) 100
- (d) 24
- (e) 44

Q83. Seven years hence, the ratio of age of A to that of B will be 2:1. If the ratio of age of A to that of B three years hence will be 5:2, then find the present age (in years) of B?

- (a) 12
- (b) 5
- (c) 9
- (d) 6
- (e) 8

Q84. The difference of two positive numbers is 2. If 50% of bigger number is equal to 60% of smaller number, then find the bigger number?

- (a) 12
- (b) 10
- (c) 9
- (d) 14
- (e) 16

Q85. A vessel contains 120 liters mixture of milk and water and water is 25% of milk in the vessel. If 12 liters of water added in the vessel, then find the ratio of water to milk in the resulting mixture?

- (a) 5 : 8
- (b) 8 : 3
- (c) 3 : 8
- (d) 1 : 5
- (e) 2 : 3

Q86. The ratio of upstream speed of a boat and speed of current is 4:1. If in downstream the boat can cover 60 km in 2.5 hours, then find out the speed of current?

- (a) 6 kmph
- (b) 4 kmph
- (c) 5 kmph
- (d) 8 kmph
- (e) 3 kmph

Q87. If the numerator of a fraction is increased by 150% and the denominator of the fraction is decreased by 25%, the resultant fraction is $11\frac{1}{9}\%$ of 8. What is the original fraction.?

- (a) $\frac{2}{7}$
- (b) $\frac{4}{15}$
- (c) $\frac{2}{9}$
- (d) $\frac{4}{17}$
- (e) $\frac{5}{18}$

Directions (88 - 100): What will come in the place of question mark (?) in the place of question mark.

Q88. $\frac{\sqrt{48} \times \sqrt{24}}{\sqrt{35}} = ?$

- (a) 4
- (b) 12
- (c) 8
- (d) 6
- (e) 10

Q89.

- (a) 0.5
- (b) 1
- (c) 3
- (d) 2
- (e) 4

Q90. $? + 15\frac{3}{4} - 3\frac{1}{3} \times 3\frac{3}{4} = 5$

- (a) 1.5
- (b) 2.25
- (c) 1.75
- (d) 2
- (e) 2.75

Q91. $\frac{?}{\sqrt{25}} = \frac{15 \times 4 - 40}{2}$

- (a) 20
- (b) 45
- (c) 25
- (d) 50
- (e) 60

Q92. $\frac{510}{?} = \sqrt{324} + \sqrt{256}$

- (a) 20
- (b) 5
- (c) 10
- (d) 15
- (e) 25

Q93. $45\% \text{ of } 800 + 60 - 270 = ?$

- (a) 90
- (b) 60
- (c) 120
- (d) 180
- (e) 150

Q94. $\frac{9}{17} \times 867 + 112\% \text{ of } 400 - 39 = ?$

- (a) 846
- (b) 868
- (c) 818
- (d) 826
- (e) 834

Q95.

- (a) 898
- (b) 972
- (c) 540
- (d) 1056
- (e) 752

Q96. 4 of $143 \div 26 \times 12 - 200 = ?$

- (a) 58
- (b) 64
- (c) 72
- (d) 80
- (e) 74

Q97. 30% of $? = 38 + \frac{147}{3}$

- (a) 281
- (b) 300
- (c) 290
- (d) 315
- (e) None of these

Q98. $\frac{272}{4} - 18 \times 6 + \sqrt[3]{1331} = ?$

- (a) -36
- (b) 36
- (c) -29
- (d) 29
- (e) None of these

Q99. $1512 \div 36 + 44 \times 32 = ?$

- (a) 1450
- (b) 1350
- (c) 1150
- (d) 1460
- (e) None of these

Q100. $5\frac{5}{8} \times 2\frac{2}{3} - 9\frac{1}{5} + 5\frac{1}{2} = ?$

- (a) $11\frac{3}{10}$
- (b) $9\frac{7}{10}$
- (c) $8\frac{3}{10}$
- (d) $10\frac{7}{10}$
- (e) $12\frac{3}{10}$

S1. Ans.(c)

Sol.

Rank	Persons
1	E
2	F
3	A
4	C
5	D
6	B
7	H
8	G

S2. Ans.(a)

Sol.

Rank	Persons
1	E
2	F
3	A
4	C
5	D
6	B
7	H
8	G

S3. Ans.(e)

Sol.

Rank	Persons
1	E
2	F
3	A
4	C
5	D
6	B
7	H
8	G

In all the options (except last option) first person purchases product three persons before the second person.

S4. Ans.(b)

Sol.

Rank	Persons
1	E
2	F
3	A
4	C
5	D
6	B
7	H
8	G

As many persons purchase product after D is same as many persons purchase product between F and B.

S5. Ans.(d)

Sol.

Rank	Persons
1	E
2	F
3	A
4	C
5	D
6	B
7	H
8	G

S6. Ans.(b)

S7. Ans.(a)

S8. Ans.(d)

S9. Ans.(a)

S10. Ans.(e)

S11. Ans.(c)

Sol. We have letters- M, I, N, T

We get – Mint.

S12. Ans.(e)

Sol. Final arrangement-

Except W, rest were born in a month having odd number of days.

S13. Ans.(d)

Sol. Final arrangement-

S14. Ans.(c)

Sol. Final arrangement-

As many persons were born before U is same as many persons were born after P.

S15. Ans.(e)

Sol. Final arrangement-

S16. Ans.(c)

Sol. Final arrangement-

S17. Ans.(c)

Sol. 671923 = 343645

S18. Ans.(c)

Sol. W 2 %, F 7 #, H 9 *

S19. Ans.(b)

S20. Ans.(a)

Sol. W 2 F 7 M 3 K 5 T 1 H 9 L 8 D 4 P 6 J

S21. Ans.(b)

Sol. % F 7, # M 3, * L 8

S22. Ans.(e)

Sol. K & 5, T @ 1, P ? 6

S23. Ans.(e)

Sol. Final arrangement-

C > A > F > B > D > E

S24. Ans.(b)

Sol. Final arrangement-

$C > A > F > B > D > E$

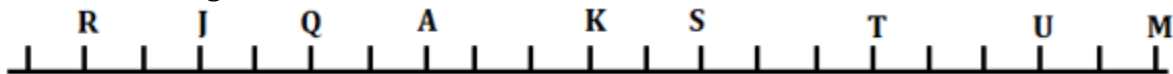
S25. Ans.(a)

Sol. Final arrangement-

$C > A > F > B > D > E$

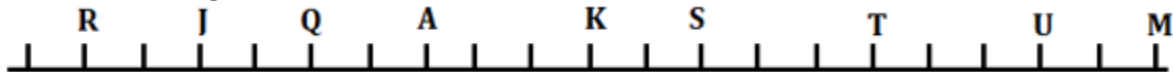
S26. Ans.(d)

Sol. Final arrangement-



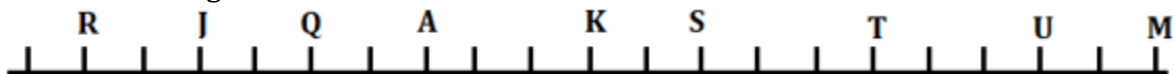
S27. Ans.(a)

Sol. Final arrangement-



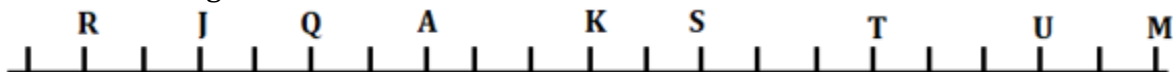
S28. Ans.(c)

Sol. Final arrangement-



S29. Ans.(a)

Sol. Final arrangement-



S30. Ans.(d)

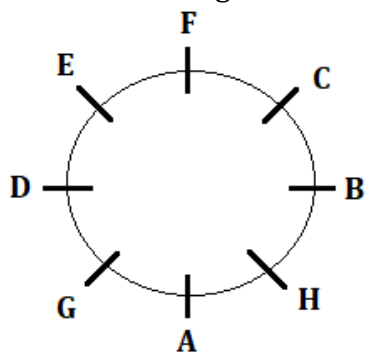
Sol. Sum of even digits= 20,

Sum of odd digits = 25

Resultant difference= $25 - 20 = 5$

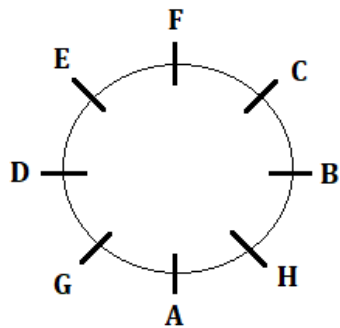
S31. Ans.(b)

Sol. Final arrangement-



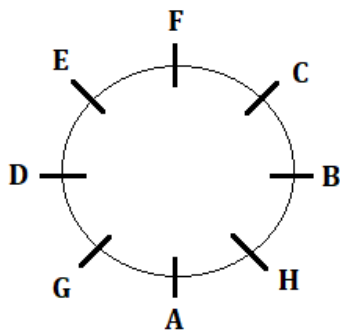
S32. Ans.(b)

Sol. Final arrangement-



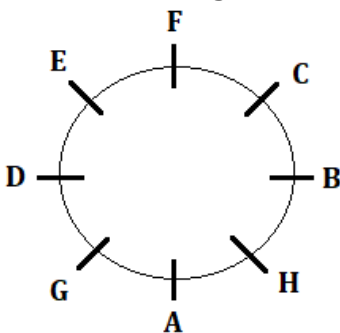
S33. Ans.(c)

Sol. Final arrangement-



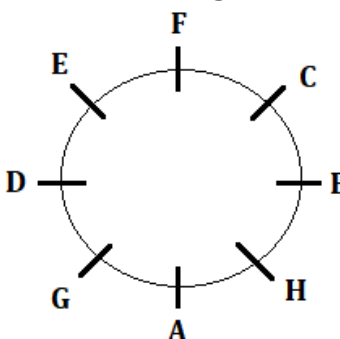
S34. Ans.(a)

Sol. Final arrangement-



S35. Ans.(c)

Sol. Final arrangement-



S36. Ans.(d)

Sol. The incorrect statement is **Option (d)**. The passage makes it clear that Laxmi cultivated various crops, not just cereals, which directly contradicts the claim that she focused on a single crop.

Analysis:

Option (a): "Laxmi was a member of a community called Sangam, which aimed to increase awareness about indigenous goods and sustainable farming practices."

- **Validation:** The passage states, "Her journey began in her twenties when she joined a local community called Sangam, an initiative that aimed to increase awareness about indigenous goods and sustainable farming practices."

- **Conclusion:** This statement is **correct**.

Option (b): "Laxmi organized workshops and events to educate villagers on the benefits of traditional farming methods."

- **Validation:** The passage mentions, "Recognizing the need for education, Laxmi began organizing workshops and events where she taught the villagers the art of farming these indigenous products."
- **Conclusion:** This statement is **correct**.

Option (c): "The villagers learned to store agricultural products, which became a vital resource during lean periods, thanks to Laxmi's teachings."

- **Validation:** The passage states, "One of her key lessons was the importance of storing agricultural products, a practice that could protect the community from the uncertainties of weather and market fluctuations." It also mentions that "the stored produce became a vital resource during lean periods."
- **Conclusion:** This statement is **correct**.

Option (d): "Laxmi started farming of only cereals, focusing on a single crop to ensure high yields and consistency in farming practices."

- **Validation:** The passage clearly says, "She took up the cultivation of various crops such as cereals, pulses, and oilseeds," indicating that she did not focus on a single crop but rather on multiple crops.
- **Conclusion:** This statement is **incorrect**.

Option (e): "Laxmi advocated for organic farming methods to improve soil health and produce healthier, chemical-free food for the villagers."

- **Validation:** The passage states, "Beyond farming, Laxmi also advocated for the use of organic methods, which not only improved the soil health but also produced healthier, chemical-free food for the villagers."
- **Conclusion:** This statement is **correct**.

S37. Ans.(b)

Sol. The passage states, "Her journey began in her twenties when she joined a local community called Sangam, an initiative that aimed to increase awareness about indigenous goods and sustainable farming practices."

Based on this, the primary objective of Sangam was:

Option (b): "To raise awareness about indigenous goods and sustainable farming practices that help preserve the region's agricultural heritage."

This aligns perfectly with the information provided in the passage.

Analysis:

Option (a): "To promote modern farming techniques that integrate advanced machinery and technology for increased agricultural productivity."

- **Explanation:** The passage does not mention Sangam promoting modern farming techniques or advanced machinery. Instead, Sangam focuses on raising awareness about **indigenous goods and sustainable farming practices**.

Option (c): "To provide financial support to farmers in the form of low-interest loans and grants to improve their economic stability."

- **Explanation:** There is no mention in the passage of Sangam providing financial support, loans, or grants to farmers. The focus of Sangam is on **awareness and sustainable practices** rather than financial assistance.

Option (d): "To introduce genetically modified crops that promise higher yields and resistance to pests and diseases."

- **Explanation:** The passage does not mention genetically modified crops or any focus on increasing yields through such methods. Sangam's focus is on **preserving traditional and indigenous farming practices**.

Option (e): "To train villagers in animal husbandry, focusing on improving livestock care and increasing dairy production."

- **Explanation:** The passage does not reference animal husbandry or dairy production as part of Sangam's objectives. The community is dedicated to **farming practices and preserving agricultural heritage**.

S38. Ans.(e)

Sol. Statements II and III are correct.

Analysis:

Statement I: "Laxmi joined the Sangam community in her twenties to promote the use of modern farming technologies."

- **Explanation:** The passage mentions that Laxmi joined Sangam to increase awareness about indigenous goods and sustainable farming practices, not modern farming technologies. Therefore, **Statement I is incorrect**.

Statement II: "Laxmi emphasized the importance of storing agricultural products to protect the community from uncertainties."

- **Explanation:** The passage states, "**One of her key lessons was the importance of storing agricultural products, a practice that could protect the community from the uncertainties of weather and market fluctuations.**" Therefore, **Statement II is correct**.

Statement III: "Laxmi's efforts led to a significant increase in crop yields and the adoption of organic farming methods in the village."

- **Explanation:** The passage mentions, "**The community saw a significant increase in crop yields,**" and also mentions **Laxmi advocated for organic farming methods**, leading to healthier, chemical-free food. Therefore, **Statement III is correct**.

S39. Ans.(e)

Sol. The passage explicitly mentions that Laxmi emphasized "**the importance of storing agricultural products, a practice that could protect the community from the uncertainties of weather and market fluctuations.**" This aligns perfectly with the correct practice mentioned in the passage. **Option (e)** is the correct answer, as it directly reflects the practice Laxmi emphasized to protect the community from uncertainties.

Analysis:

Option (a): "Exporting crops to other regions, which could provide a higher income but involves risks associated with market demand and transport."

- **Explanation:** The passage does not mention anything about Laxmi advocating for exporting crops. This option is incorrect because it introduces a concept that is not discussed in the passage.

Option (b): "Relying on monsoon rains as the primary source of water for crops, despite the increasing unpredictability of climate patterns."

- **Explanation:** The passage does not mention Laxmi relying on or promoting reliance on monsoon rains. Instead, Laxmi focused on practices like storing agricultural products, not relying on unpredictable natural events like monsoons.

Option (c): "Switching to cash crops that offer potentially higher immediate profits but may compromise long-term soil fertility and food security."

- **Explanation:** The passage indicates that Laxmi focused on sustainable farming practices and traditional agricultural techniques, not cash crops that might compromise long-term sustainability. Therefore, this option is incorrect.

Option (d): "Using chemical fertilizers that promise quick results in boosting crop yields but can lead to soil degradation over time."

- **Explanation:** The passage explicitly mentions that Laxmi advocated for organic farming methods, which are the opposite of using chemical fertilizers. This option is incorrect as it contradicts the practices Laxmi supported.

S40. Ans.(b)

Sol. The passage highlights Laxmi's involvement in Sangam, where she "**took up the cultivation of various crops such as cereals, pulses, and oilseeds, mastering the techniques that had been passed down through generations.**" It also mentions her efforts to promote "**traditional agricultural practices,**" which were crucial in preserving the region's agricultural heritage. **Option (b)** is the correct answer, as it accurately describes Laxmi's role in advocating for indigenous crops and traditional farming methods to preserve the agricultural heritage of her region.

Analysis:

Option (a): "She documented ancient farming techniques and published them in a local journal."

- **Explanation:** The passage does not mention Laxmi documenting or publishing ancient farming techniques. This option introduces an action not described in the passage.

Option (c): "She imported seeds from other regions to diversify the village's agricultural output."

- **Explanation:** The passage does not mention Laxmi importing seeds from other regions. Instead, she focused on indigenous crops, which makes this option incorrect.

Option (d): "She worked with local government to introduce subsidies for farmers using organic methods."

- **Explanation:** There is no mention in the passage of Laxmi working with the government or introducing subsidies. This option is not supported by the information provided in the passage.

Option (e): "She built a museum to showcase the history of farming in her village."

- **Explanation:** The passage does not mention Laxmi building a museum. Her contributions were practical and focused on farming practices, not on creating a museum.

S41. Ans.(c)

Sol. The passage mentions that Laxmi "**began organizing workshops and events where she taught the villagers the art of farming these indigenous products.**" It also notes that she emphasized the benefits of traditional agricultural practices, which helped the community become more self-reliant. This directly aligns with the reason described in Option (c).

Analysis:

Option (a): "To celebrate local festivals and strengthen the village's cultural identity."

- **Explanation:** The passage does not mention Laxmi organizing events for celebrating festivals or cultural identity. Her focus was on farming and sustainability, not on cultural celebrations.

Option (b): "To introduce modern agricultural technologies that could enhance crop production."

- **Explanation:** The passage indicates that Laxmi promoted traditional farming methods, not modern agricultural technologies. This option is incorrect because it contradicts the practices Laxmi actually supported.

Option (d): "To attract investors and increase funding for the village's agricultural projects."

- **Explanation:** There is no mention in the passage of Laxmi organizing events to attract investors or funding. Her primary goal was to educate villagers about traditional farming practices, making this option incorrect.

Option (e): "To establish connections with other farming communities for the exchange of knowledge and resources."

- **Explanation:** The passage does not mention Laxmi organizing events to connect with other farming communities. The focus of her events was to educate her own village community, not to establish external connections.

S42. Ans.(a)

Sol. To determine the word that has a similar meaning to "EVENTS" as used in the passage, let's consider the context. In the passage, "events" refers to organized activities or gatherings that Laxmi arranged to educate the villagers about farming practices.

Option (a): Meets

- **Meaning:** Organized gatherings or assemblies, especially for a specific purpose such as education or discussion.
- **Explanation:** In the context of the passage, "events" are organized gatherings where Laxmi taught the villagers. "Meets" is a term that can refer to such organized gatherings, making it the correct option.
- **Hindi Meaning:** बैठकें

Incorrect Options:

Option (b): Occurrences

- **Meaning:** Things that happen or take place.
- **Explanation:** While "occurrences" refers to things that happen, it is a broader term that doesn't specifically refer to organized activities or gatherings. It is not a suitable synonym for "events" in this context.
- **Hindi Meaning:** घटनाएँ

Option (c): Incidents

- **Meaning:** Specific events or occurrences, often of an unusual or noteworthy nature.
- **Explanation:** "Incidents" usually refers to specific occurrences, often negative or unexpected, which does not match the context of organized educational events in the passage.
- **Hindi Meaning:** घटनाएँ

Option (d): Celebrations

- **Meaning:** Festive activities or parties to mark special occasions.
- **Explanation:** "Celebrations" refer to festive gatherings, which is different from the educational events Laxmi organized. This option is not correct in the context of the passage.
- **Hindi Meaning:** उत्सव

Option (e): Companies

- **Meaning:** Commercial businesses or organizations.
- **Explanation:** "Companies" refers to business entities, which is entirely unrelated to the meaning of "events" in the passage. This option is incorrect.
- **Hindi Meaning:** कंपनियों

S43. Ans.(d)

Sol. The passage states, "Laxmi also advocated for the use of organic methods, which not only improved the soil health but also produced healthier, chemical-free food for the villagers." This directly aligns with the benefit described in Option (d).

Analysis:

Option (a): "Higher profits from export markets that demand organically grown produce, thereby opening up new revenue streams for the village farmers."

- **Explanation:** The passage does not mention Laxmi promoting organic farming for higher profits from export markets. The focus is on sustainability and health, not on exports.

Option (b): "Lower costs due to reduced labor and the avoidance of expensive chemical inputs, making farming more economically viable for small-scale farmers."

- **Explanation:** While organic farming can sometimes lower costs by avoiding chemical inputs, the passage does not mention this as a benefit Laxmi promoted. The emphasis was on soil health and chemical-free food, not on cost reduction.

Option (c): "Faster crop growth, allowing farmers to harvest more frequently and meet the growing demand for agricultural products in local and regional markets."

- **Explanation:** The passage does not mention faster crop growth as a benefit of organic farming that Laxmi promoted. This option is incorrect because it introduces an idea not supported by the passage.

Option (e): "Easier farming techniques that reduce the physical strain on farmers, enabling them to manage larger plots of land with less effort and time."

- **Explanation:** The passage does not mention organic farming techniques being easier or reducing physical strain. The focus was on soil health and chemical-free food, not on easing the physical burden on farmers.

S44. Ans.(c)

Sol. The word "STORED" in the passage refers to keeping or reserving agricultural products in a way that they can be used later, especially during times of scarcity or uncertainty.

Correct Option:

Option (c): Stocked

- **Meaning:** To keep a supply of something in a store or reserve for future use.
- **Hindi Meaning:** संग्रहित

Incorrect Options:

Option (a): Collected

- **Meaning:** To gather together from various places or sources.
- **Hindi Meaning:** एकत्रित

Option (b): Preserved

- **Meaning:** To maintain something in its original or existing state, often to prevent decay or damage.
- **Hindi Meaning:** संरक्षित

Option (d): Gathered

- **Meaning:** To bring together and assemble items, typically from various sources.
- **Hindi Meaning:** संकलित

Option (e): Accumulated

- **Meaning:** To gradually collect or gather a large amount of something over time.
- **Hindi Meaning:** एकत्र

Summary:

- The correct answer is **Option (c) Stocked**, as it closely aligns with the meaning of "stored" in the context of keeping or reserving products for future use.
- The other options, while related, don't capture the specific nuance of reserving something for future use as well as "stocked" does.

S45. Ans.(b)

Sol. Incorrect Sentence: (b) Amidst the flickering twilight, she strained to *seen* the distant silhouette.

Error Type: Incorrect verb form usage.

Grammatical Rule:

- **Present Perfect Tense:** The present perfect tense is formed by using the auxiliary verb "has" or "have" with the past participle of the main verb. In this case, "seen" is the past participle of "see."
- **Formula:** Subject + has/have + past participle.

Correct Sentence: "She has seen many changes over the years, but she has seen nothing like this before."

S46. Ans.(a)

Sol. Incorrect Sentence: (a) India is knowing for its beautiful culture and different types of crafts and traditions.

Error Type: Incorrect verb form usage.

Grammatical Rule:

- **Passive Voice Construction:** In passive voice, the past participle form of the verb is used after the auxiliary verb "is/was." The past participle of "know" is "known."
- **Formula:** Subject + is/are + past participle.

Correct Sentence: "Amidst the flickering twilight, she strained to *see* the distant silhouette."

S47. Ans.(d)

Sol. Incorrect Sentence: (d) "The availability of both surface and groundwater varying from one region to another."

Error Type: Subject-verb agreement.

Grammatical Rule:

- **Subject-Verb Agreement:** The verb must agree in number with its subject. Here, "availability" is a singular noun, so it should be followed by a singular verb "varies."
- **Formula:** Subject (singular) + verb (singular).

Correct Sentence: "The availability of both surface and groundwater *varies* from one region to another."

S48. Ans.(c)

Sol. Incorrect Sentence: (c) "Protecting endanger species is crucial for maintaining biodiversity and ecological balance."

Error Type: Incorrect word form (adjective vs. verb).

Grammatical Rule:

- **Adjective Use:** Adjectives describe nouns and should be used in the correct form. "Endangered" is the adjective form that describes species that are at risk.
- **Formula:** Adjective + noun.

Correct Sentence: "Protecting *endangered* species is crucial for maintaining biodiversity and ecological balance."

S49. Ans.(b)

Sol. The most appropriate word to fit into the blank is **(b) through** (के माध्यम से, के द्वारा).

So the correct sentence is:

The snakes silently slide **through** the tall grass, barely making a sound.

- "Through" is used to indicate movement from one side or part of something to the other. In this context, it describes the snakes moving within and amidst the tall grass, which makes the most sense in the sentence.

Analysis of other options:

(a) off (बंद, दूर, हटना)

- **Meaning:** "Off" usually indicates movement away from something or a separation from a surface.
- **Why it's incorrect:** "Off" would imply the snakes are sliding away from the grass, which doesn't fit the context of them moving silently within the grass.

(c) away (दूर, हट जाना)

- **Meaning:** "Away" implies movement to a different place or direction.
- **Why it's incorrect:** "Away" suggests the snakes are leaving the area, not moving within or amidst the grass.

(d) down (नीचे, गिरना)

- **Meaning:** "Down" indicates movement to a lower position.
- **Why it's incorrect:** "Down" would imply vertical movement, which is not suitable for the context of snakes moving horizontally through the grass.

(e) up (ऊपर, उठना)

- **Meaning:** "Up" suggests movement to a higher position.
- **Why it's incorrect:** "Up" would imply the snakes are moving upward, which doesn't fit the context of moving silently within the grass.

In summary, "through" is the most appropriate word because it correctly describes the snakes' movement within the tall grass. The other options suggest directions or movements that do not match the intended meaning of the sentence.

S50. Ans.(e)

Sol. The most appropriate word to fit into the blank is **(e) venturing** (साहस करना, जोखिम उठाना).

- "Venturing" means to go somewhere that is unknown, dangerous, or involves risk. In this context, it describes the action of entering an unknown territory for the first time, which fits the emotions of excitement and nervousness mentioned in the sentence.

Analysis of Other Options:

(a) resembling (के समान, सदृश)

- **Meaning:** "Resembling" means looking like or similar to something.
- **Why it's incorrect:** "Resembling" doesn't fit the context of entering or exploring a new place.

(b) gauging (मापना, आकलन करना)

- **Meaning:** "Gauging" means estimating or assessing something.
- **Why it's incorrect:** "Gauging" doesn't convey the idea of physically entering a new area, which is necessary in this context.

(c) expanding (विस्तार करना, फैलाना)

- **Meaning:** "Expanding" refers to increasing in size, range, or scope.
- **Why it's incorrect:** "Expanding" doesn't fit the idea of exploring or entering a new territory, which the sentence is trying to convey.

(d) floating (तैरना, बहना)

- **Meaning:** "Floating" means to rest or move on or near the surface of a liquid without sinking.
- **Why it's incorrect:** "Floating" is unrelated to the concept of exploring or moving into a new area, making it unsuitable for this sentence.

In summary, "venturing" is the most appropriate choice because it captures the sense of exploring an unknown or risky area, which aligns with the emotions of excitement and nervousness described in the sentence. The other options either do not match the context of exploring new territory or fail to convey the intended meaning.

S51. Ans.(d)

Sol. The most appropriate word to fit into the blank is **(d) after (बाद में, पीछा करना)**.

- "After" in this context means to pursue or strive toward something. The sentence describes someone who continues to pursue their dreams despite facing many obstacles, making "after" the most suitable choice.

Analysis of Other Options:

(a) up (ऊपर, उठना)

- **Meaning:** "Up" suggests movement to a higher position or level.
- **Why it's incorrect:** "Up" does not convey the idea of pursuing or striving toward dreams, which is the intended meaning of the sentence.

(b) before (पहले, सामने)

- **Meaning:** "Before" indicates something happening earlier in time or in front of something else.
- **Why it's incorrect:** "Before" does not fit the context of pursuing dreams; it would change the meaning of the sentence entirely.

(c) out (बाहर, निकलना)

- **Meaning:** "Out" usually suggests moving from inside to outside or to an open space.
- **Why it's incorrect:** "Out" does not appropriately describe the action of pursuing dreams, making it unsuitable for this context.

(e) around (चारों ओर, आसपास)

- **Meaning:** "Around" suggests movement in a circular direction or bypassing something.
- **Why it's incorrect:** "Around" implies avoiding or going past something, which doesn't fit the context of persistently pursuing dreams.

In summary, "after" is the most appropriate choice because it clearly conveys the idea of pursuing dreams despite obstacles. The other options either suggest different types of movement that don't align with the meaning of the sentence or would alter the intended meaning.

S52. Ans.(b)

Sol. The most appropriate word to fit into the blank is **(b) edition (संस्करण)**.

- "Edition" refers to a particular version or release of a publication, such as a book or a comic book. In this context, the sentence implies that the collector is showcasing a special or original version of a rare comic book, making "edition" the most fitting choice.

Explanation of Other Options:

(a) depth (गहराई)

- **Meaning:** "Depth" refers to the distance from the top to the bottom of something, or the complexity or seriousness of a topic.
- **Why it's incorrect:** "Depth" does not relate to a version or release of a comic book, making it irrelevant to the context.

(c) emphasis (ज़ोर, महत्व)

- **Meaning:** "Emphasis" refers to special importance or significance placed on something.
- **Why it's incorrect:** "Emphasis" does not fit the context of displaying a version of a comic book; it is more abstract and not related to tangible objects like comic book editions.

(d) ability (क्षमता, योग्यता)

- **Meaning:** "Ability" refers to the capacity to do something or possess certain skills.
- **Why it's incorrect:** "Ability" is unrelated to the concept of comic book versions or editions, making it unsuitable for the sentence.

(e) moment (क्षण, पल)

- **Meaning:** "Moment" refers to a brief period of time or a specific point in time.
- **Why it's incorrect:** "Moment" does not relate to a physical object like a comic book, nor does it fit the idea of a version or edition.

In summary, "edition" is the most appropriate word because it correctly refers to a specific version of the comic book, which aligns with the context of a collector displaying it proudly. The other options either do not fit the context of a comic book or do not relate to the concept of a specific version or release.

S53. Ans.(d)

Sol. Correct Sequence:

C - E - A - B - D

Analysis:

1. **C** introduces the main topic by mentioning the recent survey that explores the relationship between trust and prosperity.
2. **E** follows by explaining that trust is not just about social cohesion but also plays a vital role in the economy, adding depth to the initial statement.
3. **A** then provides a specific explanation of how trust influences economic prosperity, linking it to reduced transaction costs and increased investment.
4. **B** adds a further dimension by pointing out the correlation between trust, good governance, and economic success.
5. **D** concludes by summarizing the positive outcomes for nations that cultivate trust, tying back to the economic growth and stability mentioned earlier.

S54. Ans.(c)

Sol. Correct Sequence:

C - E - A - B - D

Analysis:

1. **C** introduces the main topic by mentioning the recent survey that explores the relationship between trust and prosperity.
2. **E** follows by explaining that trust is not just about social cohesion but also plays a vital role in the economy, adding depth to the initial statement.
3. **A** then provides a specific explanation of how trust influences economic prosperity, linking it to reduced transaction costs and increased investment.
4. **B** adds a further dimension by pointing out the correlation between trust, good governance, and economic success.
5. **D** concludes by summarizing the positive outcomes for nations that cultivate trust, tying back to the economic growth and stability mentioned earlier.

S55. Ans.(b)

Sol. Correct Sequence:

C - E - A - B - D

Analysis:

1. **C** introduces the main topic by mentioning the recent survey that explores the relationship between trust and prosperity.
2. **E** follows by explaining that trust is not just about social cohesion but also plays a vital role in the economy, adding depth to the initial statement.
3. **A** then provides a specific explanation of how trust influences economic prosperity, linking it to reduced transaction costs and increased investment.
4. **B** adds a further dimension by pointing out the correlation between trust, good governance, and economic success.
5. **D** concludes by summarizing the positive outcomes for nations that cultivate trust, tying back to the economic growth and stability mentioned earlier.

S56. Ans.(e)

Sol. Correct Sequence:

C - E - A - B - D

Analysis:

1. **C** introduces the main topic by mentioning the recent survey that explores the relationship between trust and prosperity.
2. **E** follows by explaining that trust is not just about social cohesion but also plays a vital role in the economy, adding depth to the initial statement.
3. **A** then provides a specific explanation of how trust influences economic prosperity, linking it to reduced transaction costs and increased investment.
4. **B** adds a further dimension by pointing out the correlation between trust, good governance, and economic success.
5. **D** concludes by summarizing the positive outcomes for nations that cultivate trust, tying back to the economic growth and stability mentioned earlier.

S57. Ans.(e)

Sol. Correct Sequence:

C - E - A - B - D

Analysis:

1. **C** introduces the main topic by mentioning the recent survey that explores the relationship between trust and prosperity.
2. **E** follows by explaining that trust is not just about social cohesion but also plays a vital role in the economy, adding depth to the initial statement.
3. **A** then provides a specific explanation of how trust influences economic prosperity, linking it to reduced transaction costs and increased investment.
4. **B** adds a further dimension by pointing out the correlation between trust, good governance, and economic success.
5. **D** concludes by summarizing the positive outcomes for nations that cultivate trust, tying back to the economic growth and stability mentioned earlier.

S58. Ans.(b)

Sol. The word "knee" has the following meanings:

1. **Noun:**

- The joint between the thigh and the lower leg in humans, where the femur, tibia, and patella (kneecap) meet.
- The corresponding joint in the hind leg of a four-legged animal.
- A part of clothing that covers the knee, such as in pants or skirts.

2. **Verb:**

- To strike or push with the knee, usually as an act of defense or aggression (e.g., "He kneed his opponent during the match.").
- To cause someone to submit or show deference, often metaphorically (e.g., "The conquerors forced the defeated to bend their knees in submission.").

Let's evaluate each sentence with the word "knee":

- **(I)** "She is so powerful that even her toughest opponents were forced to bend their knees in submission."
- This sentence is correct. "Bend their knees" is a common expression meaning to submit or show deference.
- **(II)** "While playing basketball, she injured her knee when she landed awkwardly after a jump."
- This sentence is correct. "Injured her knee" is a proper use of the word "knee."
- **(III)** "To make the perfect loaf of bread, you need to knee the dough until it becomes smooth and elastic."
- This sentence is incorrect because "knee" is not the correct verb for working dough. The correct verb should be "knead."

Summary:

In the sentences you provided:

- In **(I)** and **(II)**, "knee" is used as a noun, correctly referring to the joint or a metaphorical action involving it.
- In **(III)**, "knee" was incorrectly used as a verb when "knead" was intended.

The correct answer is **(b) Both (I) and (II)**

S59. Ans.(c)

Sol. The sentence provided is:

"The paper **pulled (A)** into **(B)** the inner part of the copy machine and had to be **jammed (C)** out **(D)** by the printer technician."

To make the sentence grammatically and contextually correct, let's analyze the words:

- "Pulled" (A) is an action that should describe what the paper does. However, in the given context, it seems the paper should be "jammed" (A), as it got stuck in the machine.
- "Into" (B) is correctly placed as it indicates the direction where the paper was moving.
- "Jammed" (C) implies something is stuck, but here we need the action of pulling or extracting the paper, which should have been "pulled" (C).
- "Out" (D) is correct as it describes the direction of the action after the paper got stuck.

The correct sentence should be:

"The paper **jammed (A)** into **(B)** the inner part of the copy machine and had to be **pulled (C)** out **(D)** by the printer technician."

Thus, "pulled" (A) and "jammed" (C) need to be interchanged. Hence, the correct answer is option **(c) A-C**.

S60. Ans.(d)

Sol. The sentence provided is:

"Mrs. Griffin has **enough (A)** about **going (B)** her own school but is worried that she wouldn't have **thought (C)** students to keep it **opening (D)**."

Let's analyze the words:

- "Enough (A)" seems to suggest sufficiency, but in this context, it should be about "thought," as in thinking or considering something.
- "Going (B)" is used incorrectly; it would be better suited for the action of something starting or "opening."
- "Thought (C)" implies thinking, but it doesn't fit here; "enough" should replace it to express sufficiency.
- "Opening (D)" is used as a verb, but "going" would be better to express the action related to starting or running a school.

To correct the sentence:

- "Enough (A)" and "thought (C)" need to be interchanged because Mrs. Griffin should have "thought" about something and have "enough" of something (likely students).
- "Going (B)" and "opening (D)" also need to be interchanged because "going" should be associated with starting or running a school, while "opening" could relate to the school being physically opened.

The correct sentence should be:

"Mrs. Griffin has **thought (A)** about **opening (B)** her own school but is worried that she wouldn't have **enough (C)** students to keep it **going (D)**."

Thus, the correct answer is option **(d) A-C & B-D**.

S61. Ans.(a)

Sol. The sentence provided is:

"It was unfortunate that our team's **halftime (A)** were **raised (B)** so high during **spirits (C)**, because we were subsequently **crushed (D)**."

Let's analyze the words:

- "Halftime" (A) refers to the break period during a game, which doesn't logically fit with being "raised."
- "Were raised" (B) is a phrase that suggests something was lifted or heightened, typically associated with "spirits."
- "Spirits" (C) refers to the team's mood or morale, which can indeed be raised.
- "Crushed" (D) is correctly placed as it describes the disappointment or defeat felt afterward.

To correct the sentence:

- "Halftime" (A) should be interchanged with "spirits" (C) because "spirits" should be the subject of "were raised," and "halftime" should indicate the time during which this occurred.

The correct sentence should be:

"It was unfortunate that our team's **spirits (A)** were **raised (B)** so high during **halftime (C)**, because we were subsequently **crushed (D)**."

Thus, "halftime" (A) and "spirits" (C) need to be interchanged. The correct answer is option **(a) A-C**.

S62. Ans.(d)

Sol. The correct answer is **(d) remains heavily reliant on**.

Grammatical Rule:

Reliant on vs. Reliant in:

- The word "**reliant**" is an adjective that describes dependence on something.
- The correct preposition to use after "reliant" is "**on**." For example, we say "reliant on someone/something."

- The preposition "**in**" does not follow "reliant" because it is incorrect in this context. The word "**reliant**" should always be followed by the preposition "**on**."
Correct Sentence: "Despite renewable energy's potential, the global economy **remains heavily reliant on** fossil fuels, complicating the shift to sustainability."

S63. Ans.(b)

Sol. The correct answer is **(b) leading to concerns about**.

Grammatical Rule:

Leading to vs. Leading at:

- The phrase "**leading to**" is used to indicate a cause-and-effect relationship, where one action or event causes another. In this context, the intensified ideological divisions are causing or leading to concerns about the impact of social media.
- The preposition "**at**" does not fit with "leading" in this context. "Leading at" would be grammatically incorrect and would not convey the intended meaning.

Correct Sentence: "Digital platforms have intensified ideological divisions, **leading to concerns about** social media's impact on public discourse and dialogue."

S64. Ans.(a)

Sol. The correct answer is **(a) often distort our perception of reality**.

Grammatical Rule:

Subject-Verb Agreement:

- The subject "**Cognitive biases**" is plural, so the verb must also be plural.
- The verb "**distort**" is the correct plural form to use with the subject "Cognitive biases." "Cognitive biases" should be followed by the plural verb "distort".
- The present participle form "**distorting**" would not be correct here unless it was part of a continuous verb tense or a clause that required it.

Correct Sentence: "Cognitive biases often distort our perception of reality, leading to decisions that contradict rational thinking."

S65. Ans.(b)

Sol. The correct answer is **(b) Before I sat in the car**.

Grammatical Rule:

- The past perfect tense "had sat" is not necessary in this context because the sequence of events is clear with the simple past tense "sat." The correct sentence should simply state "Before I sat in the car," which accurately reflects the sequence of actions.

Correct Sentence: "Before I sat in the car, the driver opened the door for me."

S66. Ans.(a)

Sol.

$$\text{Required average} = \frac{72+60+96}{3} = \frac{288}{3} = 76$$

S67. Ans.(b)

Sol. Total orders received by D = 96

Veg orders received by D = 25% of 96 = 24

Non veg order received by D = 96 – 24 = 72

S68. Ans.(a)

Sol.

$$\text{Orders received by X} = \frac{4}{3} \times 72 = 96$$

$$\text{Orders received by Y} = 112.5\% \text{ of } 88 = 99$$

$$\text{Required answer} = 99 + 96 = 195$$

S69. Ans.(e)

Sol.

$$\text{Required percentage} = \frac{72+88-(60+80)}{60+80} \times 100 = 14.28\%$$

S70. Ans.(a)

$$\text{Sol. Required ratio} = 88: 60+96 = 88:156 = 22:39$$

S71. Ans.(d)

Sol. Information given:

In April 2019, a man has Rs 17500

Amount increased by 20% every year in the starting of April

Man spends 60% of total amount in April 2021

Formula Used:

$$\text{Final Amount} = \text{initial amount} \times [20\% + 20\% + (20 \times 20)/100]$$

Explanation:

$$\text{Total amount in April 2021} = 17500 \times 6/5 \times 6/5 = 25200 \text{ Rs}$$

$$\text{Required amount} = 25200 \times \frac{2}{5} = 10080 \text{ Rs}$$

S72. Ans.(a)

Sol. Information given:

The ratio of length to breadth of a rectangle is 4 : 3

Area of the rectangle is 300 cm square

The breadth of rectangle decreased by 20% and the length is increased by 10%,

Formula Used:

$$\text{Area of the rectangle} = \text{Length} \times \text{breadth}$$

$$\text{Perimeter of the rectangle} = 2 (\text{Length} + \text{breadth})$$

Explanation:

Let length and breadth of the rectangle is 4x cm & 3x cm respectively

$$12x^2 = 300$$

$$x^2 = 25$$

$$x = 5$$

$$\text{Length of the rectangle} = 5 \times 4 = 20 \text{ cm}$$

$$\text{Breadth of the rectangle} = 5 \times 3 = 15 \text{ cm}$$

$$\text{After breadth decreased by 20\%, new breadth of the rectangle} = 15 \times 4/5 = 12 \text{ cm}$$

$$\text{After length increased by 10\%, new length of the rectangle} = 20 \times 11/10 = 22 \text{ cm}$$

$$\text{Required perimeter} = 2 \times (22+12) = 68 \text{ cm}$$

S73. Ans.(b)**Sol. Information given:**

After 9 months, A left the business

At the end of a year, the profit share of A and B is in the ratio of 9 : 16

Formula Used:

Ratio of profit = investment $\times$ time

Explanation:

Let A and B invested Rs x & Rs y respectively

ATQ, $9x/12y = 9/16$

$x : y = 3 : 4$

S74. Ans.(d)**Sol. Information given:**

A, B and C together can do a work in 4 days

B and C together can do the same work in $20/3$ days

Formula Used:

Efficiency = work/time

Explanation:

Let total work = 20 unit (LCM of 4 and $20/3$)

Efficiency of A, B and C = $20/4 = 5$ unit/day

Efficiency of B and C = $20 \times 3/20 = 3$ unit/day

Efficiency of A = $5 - 3 = 2$ unit/day

Required days = $\frac{60\% \text{ of } 20}{2} = 6$ days

S75. Ans.(e)**Sol. Information given:**

The speed of a train is 72 km/hr

Train crosses the pole in 16 seconds

Train is increased by 12 meters/second

Formula Used:

Length of train = speed $\times$ time

Speed of train (in meters/second) = speed of train (in km/hr) $\times 5/18$

Time = Distance/speed

Explanation:

Length of train = $72 \times 5/18 \times 16 = 320$ meters

New speed of train = $72 \times 5/18 + 12 = 32$ meters/second

Required time = $320/32 = 10$ seconds

S76. Ans.(d)**Sol. Information given:**

Rs X invested in scheme A at the rate of 20% p.a. for two years on compound interest annually

Rs X invested in scheme B in scheme B at rate of 30% p.a. for two years on simple interest

Difference between interest received from both schemes is Rs 896

Formula Used:

Equivalent rate of interest for two years = $[\text{rate} + \text{rate} + (\text{rate})^2/100]$

Simple interest = $(\text{principle} \times \text{rate} \times \text{time})/100$

Explanation:

Equivalent rate of interest for two years at 20% p.a. on compound interest

$$= [20+20+(20 \times 20)/100] = 44\%$$

ATQ,

$$X \times \left(\frac{30 \times 2}{100} - \frac{44}{100} \right) = 896$$

$$16X = 89600$$

$$X = 5600 \text{ Rs}$$

S77. Ans.(a)**Sol. Information given:**

Cost price of two articles A and B is equal

Article A sold at profit of 20% and article B sold at loss of 30%

Overall loss of Rs 50 occurred

Formula Used:

Loss = cost price – selling price

Selling price (at profit) = cost price $\times (100 + \text{profit}\%) / 100$

Explanation:

Let cost price of each article A and B be Rs $100x$

Selling price of article A = $100x \times 6/5 = 120x$ Rs

Selling price of article B = $100x \times 7/10 = 70x$ Rs

$$\text{ATQ, } 200x - (120x + 70x) = 50$$

$$10x = 50$$

$$x = 5$$

Cost price of article B = $5 \times 100 = 500$ Rs

Required selling price = $500 \times 7/5 = 700$ Rs

S78. Ans.(a)

$$\text{Sol. } 100 + 1! = 101$$

$$101 + 2! = 103$$

$$103 + 3! = 109$$

$$109 + 4! = 133$$

$$133 + 5! = 253$$

S79. Ans.(a)**Sol.**

Pattern of the series

$$12600 \times \frac{1}{7} = 1800$$

$$1800 \times \frac{1}{6} = 300$$

$$300 \times \frac{1}{5} = 60$$

$$60 \times \frac{1}{4} = 15$$

$$15 \times \frac{1}{3} = 5$$

S80. Ans.(b)**Sol.** Pattern of the series

180	189	176	193	172	197
	+9	-13	+17	-21	+25
					(difference of 4)
	4	4	4	4	

S81. Ans.(b)**Sol.**

8	224	249	313	322	330
	+6 ³	+5 ²	+4 ³	+3 ²	+2 ³

S82. Ans.(e)**Sol.** $21 \times 2 + 2 = 44$

$44 \times 3 + 3 = 135$

$135 \times 4 + 4 = 544$

$544 \times 5 + 5 = 2725$

$2725 \times 6 + 6 = 16356$

S83. Ans.(b)**Sol.** Let the present age of A and B be a years and b years respectively.

$$\text{ATQ } \frac{a+7}{b+7} = \frac{2}{1}$$

$$a + 7 = 2b + 14$$

$$a = 2b + 7 \text{ ----- (i)}$$

$$\text{Also given, } \frac{a+3}{b+3} = \frac{5}{2}$$

$$2a + 6 = 5b + 15$$

$$2a - 5b = 9 \text{ ----- (ii)}$$

From (i) & (ii) we get

Age of B = 5 years

S84. Ans.(a)**Sol.**Let two numbers be a and b respectively (if $a > b$)

$$a - b = 2 \text{(i)}$$

$$\frac{50}{100} \times a = \frac{60}{100} \times b$$

$$5a = 6b \text{(ii)}$$

From equations (i) and (ii) we get

$$a = 12 \text{ \& } b = 10$$

So, bigger number = 12

S85. Ans.(c)**Sol.**Ratio of milk to water in vessel initially = $100\% : 25\% = 4 : 1$

$$\text{Milk in vessel initially} = 120 \times \frac{4}{5} = 96 \text{ liters}$$

$$\text{Water in vessel initially} = 120 \times \frac{1}{5} = 24 \text{ liters}$$

$$\text{Required ratio} = (24 + 12) : 96 = 3 : 8$$

S86. Ans.(b)

Sol. Let the upstream speed of a boat and speed of current be $4x$ kmph and x kmph respectively.

Speed of boat in still water = $4x + x = 5x$ kmph

Downstream speed of boat = $5x + x = 6x$ kmph

$$\text{ATQ, } 6x = \frac{60}{2.5}$$

$$x = 4 \text{ kmph}$$

S87. Ans.(b)

Sol.

Let the fraction be $\frac{x}{y}$

ATQ,

$$\frac{2.5x}{0.75y} = \frac{8}{9}$$

$$\Rightarrow \frac{x}{y} = \frac{4}{15}$$

S88. Ans.(d)

Sol.

Take approx. square root

$$\frac{\sqrt{49} \times \sqrt{25}}{\sqrt{36}} = ?$$

$$? = \frac{7 \times 5}{6}$$

$$? = 6$$

S89. Ans.(d)

$$\text{Sol. } 5 \times 6 \times 6 + 5 = 370/?$$

$$370/? = 180 + 5$$

$$? = 2$$

S90. Ans.(c)

Sol.

$$? + \frac{63}{4} - \frac{10}{3} \times \frac{15}{4} = 5$$

$$? = 5 - \frac{63}{4} + \frac{25}{2}$$

$$? = \frac{7}{4}$$

$$? = 1.75$$

S91. Ans.(d)

Sol.

$$\frac{?}{5} = \frac{60 - 40}{2}$$

$$\Rightarrow ? = 5 \times 10$$

$$= 50$$

S92. Ans.(d)

Sol.

$$\frac{510}{?} = \sqrt{324} + \sqrt{256}$$

$$\Rightarrow \frac{510}{?} = 18 + 16$$

$$\Rightarrow ? = \frac{510}{34} = 15$$

S93. Ans.(e)

Sol.

$$\frac{45}{100} \times 800 - 210 = ?$$

$$? = 360 - 210$$

$$? = 150$$

S94. Ans.(b)

$$\text{Sol. } 459 + 448 - 39 = ?$$

$$? = 868$$

S95. Ans.(b)

Sol.

$$\frac{4}{5} \text{ of } \frac{3}{8} \text{ of } \frac{15}{27} \times ? = 60\% \text{ of } 270$$

$$\frac{4}{5} \times \frac{3}{8} \times \frac{15}{27} \times ? = \frac{60}{100} \times 270$$

$$\frac{?}{6} = 6 \times 27$$

$$? = 972$$

S96. Ans.(b)

$$\text{Sol. } ? = 572 \div 26 \times 12 - 200$$

$$? = 64$$

S97. Ans.(c)

Sol.

$$30\% \text{ of } ? = 38 + \frac{147}{3}$$

$$\frac{30}{100} \times ? = 38 + 49$$

$$30 \times ? = 87 \times 100$$

$$? = 87 \times \frac{100}{30}$$

$$? = 290$$

S98. Ans.(c)

Sol.

$$\frac{272}{4} - 18 \times 6 + \sqrt[3]{1331} = ?$$

$$68 - 108 + 11 = ?$$

$$? = -29$$

S99. Ans.(a)

Sol. $1512 \div 36 + 44 \times 32 = ?$

$42 + 1408 = ?$

$1450 = ?$

S100. Ans.(a)

Sol.

$$\frac{45}{8} \times \frac{8}{3} - \frac{46}{5} + \frac{11}{2} = ?$$

$$? = 15 - \frac{46}{5} + \frac{11}{2}$$

$$? = 11\frac{3}{10}$$