

## IBPS PO Mains 2025 Memory Based - 12-Oct-2025

**Directions (1-5):** Study the following information carefully and answer the questions given below.

There are three rows, i.e., row 1, row 2, and row 3. Row 1 is north of row 2, and row 2 is north of row 3. Four persons sit in row 1 and row 3 each, and eight persons sit in row 2. Four persons from the left end in row 2 face the persons who sit in row 1, and the remaining four persons face the persons who sit in row 3 (left to right means west to east). The persons sitting in row 1 face south, and the persons sitting in row 3 face north. All the persons sit opposite to one person.

The one who sits opposite to A, sits third to the left of Y. Y doesn't face south. Two persons sit between Y and M. The one who sits opposite to M, sits two places away from O who doesn't face north. As many persons sit between A and O as between R and T. T doesn't face north and doesn't sit in row 2. R doesn't sit at the extreme ends of the row. The one who sits opposite to R, sits fourth to the right of L. Three persons sit between L and K. As many persons sit to the left of K as to the right of E. S and N are immediate neighbours, but both S and N doesn't face south. S is not an immediate neighbour of E and A. J is opposite to X who doesn't sit in row 2. The number of persons sit between J and K is two less than the number of persons sit to the right of P. P doesn't face south. Y doesn't face C. H doesn't face north.

**Q1. How many persons sit between L and the one who faces X?**

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

**Q2. The one who sits immediate left of Y, sits opposite to the person who sits \_\_\_\_\_ of K?**

- (a) Third to the right
- (b) Fifth to the left
- (c) Fifth to the right
- (d) Fourth to the right
- (e) Sixth to the left

**Q3. Which of the following statements is true?**

- (a) A and N are not immediate neighbours
- (b) H is the only neighbour of O
- (c) The number of persons sit to the right of S is three less than the number of persons sit between M and Y
- (d) O sits opposite to E
- (e) Y sits in row 2

**Q4. Who sits opposite to the person who sits fourth to the right of H?**

- (a) C
- (b) X
- (c) T
- (d) R
- (e) M

**Q5. If C is related to S and in the same way L is related to P, then who among the following is related to A?**

- (a) Y
- (b) E
- (c) S
- (d) K
- (e) M

**Directions (6-10):** Study the following information carefully and answer the questions given below:

There are six persons- A, B, C, D, E and F, designated at six different positions in a company – Manager, Assistant Manager (AM), Senior Executive (SE), Junior Executive (JE), Team Leader (TL) and HR Specialist each from a different state- Maharashtra, Tamil Nadu, Gujarat, Uttar Pradesh, Haryana and Rajasthan and like six different sports- Cricket, Football, Tennis, Badminton, Basketball and Hockey. All information is not necessarily used in same order as given.

F is designated three persons junior to the one who is from Rajasthan and immediately senior to the one who likes Tennis. One person is designated between the ones who like tennis and cricket. No person is designated between the one who likes cricket and the one who is from Uttar Pradesh. Two persons are designated between the one who is from Uttar Pradesh and the one who likes Hockey. D is designated immediate junior to the one who likes Hockey and senior to A. The one who is from Tamil Nadu designated three persons senior to A. C is designated junior to Assistant Manager. Two persons are designated between C and the one who is from Gujarat. B is designated junior to the one who is from Gujarat and immediate senior to the one who likes Basketball. E is three persons senior to the one who is from Maharashtra and doesn't like Football.

**Q6. Who among the following is designated as Senior Executive?**

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

**Q7. The person who likes tennis is from which state?**

- (a) Maharashtra
- (b) Haryana
- (c) Rajasthan
- (d) Uttar Pradesh
- (e) Gujarat

**Q8. Who likes Football and is designated at which position?**

- (a) The person from Rajasthan, TL
- (b) The person from Maharashtra, JE
- (c) The person from Uttar Pradesh, TL
- (d) The person from Tamil Nadu, SE
- (e) A, HR Specialist



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**Q9. Which of the following combinations is correct?**

- (a) A – Senior Executive – Football
- (b) E – Manager – Hockey
- (c) B – Assistant Manager – Hockey
- (d) D – Junior Executive – Badminton
- (e) F – Junior Executive – Cricket

**Q10. How many persons are designated between the ones who like Badminton and the one who is from Maharashtra?**

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

**Directions (11-13): Each question below is followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both statements carefully and give your answer.**

**Q11. Six persons – A, B, C, D, E, and F – sit in a row and face north. What is the position of E with respect to C?**

I. D sits second to the right of C. A sits to the left of D. F sits at an extreme right end of the row.  
II. E is an immediate neighbour of D. B sits to the left of E. A is not an immediate neighbour of B and doesn't sit at the extreme ends of the row.

- (a) Data given in both statements I and II together are sufficient to answer
- (b) Data given in statement I alone is sufficient to answer
- (c) Data given in statement II alone is sufficient to answer
- (d) Data given in both statements I and II together are not sufficient to answer.
- (e) Data given in either statement I or statement II alone is sufficient to answer the question

**Q12. Six boxes – P, Q, R, S, T, and U – are kept one above the other. What is the position of box T from the bottom?**

I. Two boxes are placed between box T and box U. As many boxes are placed above box T as below box S. Box S is placed adjacent to box R. Box Q is placed above box P.  
II. Only three boxes are placed below box Q. One box is placed between box S and box Q. The number of boxes placed above box S is same as the number of boxes placed below box U. Box P is placed below box R but above box T. Box T is not placed at the bottommost position.

- (a) Data given in both statements I and II together are sufficient to answer
- (b) Data given in statement I alone is sufficient to answer
- (c) Data given in statement II alone is sufficient to answer
- (d) Data given in both statements I and II together are not sufficient to answer
- (e) Data given in either statement I or statement II alone is sufficient to answer the question

**Q13. In which direction is point V with respect to point X?**

I. Point Z is to the east of point X. Point Y is 8m north of point Z. Point V is 5m to the west of Point Y.

II. Point X is to the west of point Y. Point X is 4m south of point W. Point Y is 6m north of point B. Point B is to the east of Point V.

- (a) Data given in both statements I and II together are sufficient to answer
- (b) Data given in statement I alone is sufficient to answer
- (c) Data given in statement II alone is sufficient to answer
- (d) Data given in both statements I and II together are not sufficient to answer
- (e) Data given in either statement I or statement II alone is sufficient to answer the question

**Q14. Seven letters are arranged to form a meaningful word. Only two letters are placed between E and A. P is two places to the right of E. A is two places to the left of R. As many letters are there to the left of D as to the right of R. S is placed to the left of I. Now, if only one meaningful word is formed then, which letter is fifth letter from the left end of the newly formed word. If no meaningful word is formed, mark X as your answer, and if more than one such word is formed, mark Y as your answer?**

- (a) X
- (b) S
- (c) D
- (d) Y
- (e) A

**Q15. In the number '8472674634', if all the even digits are subtracted by 1 and all the odd digits are added by 1. After that arrange 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> digits in ascending order from left and rest of the digits in descending order after them. Now find the sum of the third odd digit from the right end and third even digit from the left end, in the new number formed after rearrangement?**

- (a) 7
- (b) 13
- (c) 28
- (d) 9
- (e) 14

**Directions (16-20): A word and number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement.**

**Input:** rope 37 flip 44 code 23 leaf 35 jump 56

Step I: cdoe rope 37 flip 44 leaf 35 jump 56 6

Step II: filp cdoe rope 37 44 leaf jump 56 6 15

Step III: jmup filp cdoe rope 44 leaf 56 6 15 21

Step IV: laef jmup filp cdoe rope 56 6 15 21 16

Step V: rpoe laef jmuip filp cdoe 6 15 21 16 30  
And **Step V** is the last step of the rearrangement for the given input. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

**Input:** dive 54 lime 26 bark 19 frog 56 mist 74

**Q16. Which element is not present in Step II?**

- (a) dvie
- (b) 56
- (c) frog
- (d) bark
- (e) 74

**Q17. Which combination of words and numbers is present in Step IV?**

- (a) dvie brak mist 74 9
- (b) msit lmie forg
- (c) 56 mist 74 9
- (d) forg dvie 8 brak
- (e) None of these

**Q18. What will be the sum of all the numbers which are multiple of 3 in Step V?**

- (a) 55
- (b) 51
- (c) 44
- (d) 63
- (e) 78

**Q19. In which step, does the combination of numbers and letters "20 30 28" appear?**

- (a) Step II
- (b) Step I
- (c) Step IV
- (d) Step III
- (e) Step V

**Q20. Which element is second to the left of third element from right end in Step I?**

- (a) 54
- (b) lime
- (c) frog
- (d) 26
- (e) mist

**Directions (21-25): Study the information carefully and answer the questions that follow.**

Eight persons — P, Q, R, S, T, U, V and W — sit around a circular table. Four of them face the centre while the remaining four face outside.

S sits second to the right of P. O sits three places away from S. V sits second to the left of O. O and P face the direction opposite to each other. R and O are immediate neighbours. T sits second to the right of R and is not an immediate neighbour of V. U sits second to the left of Q and is not R's and P's neighbour. Q and T face the same direction but are not immediate neighbours. S doesn't face inside.

**After some time**, they sit in a row such that those who faced inside now face North and those who faced outside now face South. U sits second from left end of the row. T is an immediate neighbour of U but doesn't sit at the extreme ends of the row. One of the immediate neighbours of U face south. S sits to the left of T. R is not V's neighbour.

**Note I:** The one who sits at the extreme right end doesn't face south and is not a consonant.

**Note II:** More than two persons doesn't face the same direction.

**Note III:** Immediate neighbour of T faces the direction opposite to each other.

**Note IV:** There is only one of the pair of persons in circular seating arrangement who sit opposite to each other and are immediate neighbours in linear seating arrangement.

**Q21. What is the position of the person who sits immediate left of T in the circular seating arrangement, with respect to R in linear seating arrangement?**

- (a) Fourth to the left
- (b) Fifth to the right
- (c) Fifth to the left
- (d) Fourth to the right
- (e) Third to the right

**Q22. How many persons sit to the right of P in the linear seating arrangement?**

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

**Q23. The who sits opposite to R in the circular seating arrangement, sits immediate right of \_\_\_\_ in linear seating arrangement?**

- (a) V
- (b) O
- (c) U
- (d) S
- (e) R

**Q24. The number of persons sit between O and P (when counted from left of O) in circular seating arrangement, is one less than the number of persons sit between \_\_\_\_ and \_\_\_\_ in linear seating arrangement?**

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

**Q25. Which of the following statements is true?**

- (a) V faces North.
- (b) Two persons sit between T and P in circular seating arrangement when counted from right of T.
- (c) O faces outside in circular seating arrangement.
- (d) Q is not O's neighbour in linear seating arrangement.
- (e) Two persons sit between U and P in linear seating arrangement.

**Directions (26-29):** Read the given information carefully and answer the questions that follow:

**In a certain code language,**

“summer beach coconut breeze” is coded as “&3 \$3 #3 &3”

“rays cream summer travel” is coded as “@3 \$3 &3 &4”

“sand oranges mango season” is coded as “@3 #4 \$3 &2”

“pool bath hydrate heat” is coded as “@2 @3 #5 @2”

**Q26. What will be the code for ‘blazing’?**

- (a) #5
- (b) @4
- (c) #3
- (d) @5
- (e) \$3

**Q27. What will be the code for ‘rolling waves’?**

- (a) @3 #4
- (b) #4 #3
- (c) #5 @6
- (d) @5 \$3
- (e) #4 \$3

**Q28. Which of the following pair is correctly matched?**

- (a) Horizon - #5
- (b) Glory - \$3
- (c) Serene - \$3
- (d) Noise- \$2
- (e) More than one option is correct

**Q29. What will be the code for ‘escape’?**

- (a) #3
- (b) &3
- (c) #4
- (d) \$4
- (e) #5

**Q30. Statement:** A company decided to implement a mentorship program where senior employees guide junior employees. The program lasted for six months and was followed by a performance evaluation. The results showed that mentees improved their skills significantly, and 80% of them showed better results in their respective projects. Mentors also reported greater job satisfaction and a stronger sense of achievement.

**Assumptions:**

- I. Mentees showed significant improvement due to the guidance they received.
- II. Senior employees always have the time to mentor junior employees effectively.
- III. Mentorship programs contribute to the growth of both mentees and mentors.
- IV. Mentees would have improved even without the mentorship program.

**Which of the following assumptions can be drawn from the statement?**

- (a) Only I and II follow
- (b) Only II and IV follow
- (c) Only III follows
- (d) Only I and III follow
- (e) Only IV follows

**Q31.** A retail chain, facing declining sales, introduced a customer loyalty program offering rewards for repeat purchases. Within a year, the chain saw a 30% increase in customer retention and a 15% increase in sales from returning customers. Managers believe the loyalty program played a significant role in this positive change. However, some believe it could have been due to other market factors such as product quality improvement or seasonal trends.

**Which of the following conclusions is the most accurate?**

- (a) The loyalty program directly contributed to higher sales and customer retention.
- (b) Customer loyalty programs are always effective in boosting sales.
- (c) Market factors and product quality improvement were the main reasons for the sales increase.
- (d) The loyalty program had no effect on customer retention or sales.
- (e) The loyalty program was the only factor responsible for the increase in sales and customer retention.

**Q32. Statement:** In a household, members have been feeling overwhelmed with the number of household tasks, and the quality of work has been decreasing. The family decided to create a schedule assigning each member specific chores, such as cleaning, cooking, and grocery shopping, on different days of the week.

**Course of Actions**

- I. Assigning specific chores to family members will ensure that tasks are completed on time.
- II. Creating a schedule will reduce confusion and help family members manage their time more effectively.
- III. A fixed schedule for chores will ensure fair distribution of work among family members.

**Which of the following courses of action is the most appropriate?**

- (a) Only I and III
- (b) Only I and II
- (c) Only III
- (d) Only I
- (e) Only II

**Q33. Statement:** A popular electronic store recently launched a sale offering a 30% discount on smartphones. The sale was advertised extensively, and many customers visited the store with the hope of getting good deals. However, some customers complained that the available stock was limited, and they couldn't buy the model they wanted. The store management decided to extend the sale by another week to accommodate the demand.

**What could be the possible reason behind extending the sale by another week?**

- (a) The store wanted to clear out old stock before the new models arrived.
- (b) The store realized that many customers had not been able to take advantage of the sale due to limited stock.
- (c) The store planned to introduce new models with better features after the sale.
- (d) The store needed more time to adjust prices on the discounted items.
- (e) The store management thought that the sale was not generating enough revenue.

**Q34. Statement:** Employees of a software company have been planning a 3-day weekend trip to the mountains. The HR department initially suggested that the company would bear 70% of the total expense if at least 40 employees joined. However, only 25 employees registered within the first week. To encourage more participation, the HR decided to extend the registration deadline and send out a reminder email to all departments.

**What could be the possible assumption behind the HR department's decision?**

- (a) Employees were not aware of the initial deadline for registration.
- (b) Extending the registration deadline and sending reminders will motivate more employees to join the trip.
- (c) The company wants to ensure that all departments have equal participation in the trip.
- (d) Employees prefer spending weekends at home rather than going on trips.
- (e) The HR department had already booked the venue and needed more participants to justify the cost.

**Q35. Statement:** In the city's main market, several flower shops have extended their opening hours till late evening. It has also been observed that a large number of people are visiting temples and organizing family functions these days. **Which of the following best explains the situation described above?**

- (a) Flower shops are facing losses and are trying to recover by working extra hours.
- (b) The shopkeepers want to increase their profits by keeping their shops open for longer hours.
- (c) The government has announced a new policy to promote flower trading.
- (d) The increased number of religious visits and family functions has led to greater demand for flowers.
- (e) The suppliers have reduced the prices of flowers, encouraging late-night sales.

**Q36. Statement:** In metro cities, people often spend long hours commuting due to heavy traffic, while in smaller towns, travel time is usually shorter, allowing people to spend more time with their families. To address the issue of long commuting hours, several metro city offices have introduced flexible working hours and work-from-home options.

**Courses of Action:**

- I. Employees in smaller towns should also be given flexible work options even if they don't face long commuting hours.
- II. Work-from-home options can reduce traffic congestion and save travel time for employees.
- III. Introducing flexible working hours can help employees in metro cities maintain a better work-life balance.

**Which of the following courses of action is/are most appropriate?**

- (a) Only I and II
- (b) Only II
- (c) Only I
- (d) Only I and III
- (e) Only II and III

**Directions (37-40): Study the information carefully and answer the questions that follow.**

There are four persons John, Albert, Nathon and Edison went on different directions from point P in alphabetical order as per their name.

Person travels for the second time only after each person has travelled once and so on.

**Example:** Four persons Derek, Gabriel, Thomas and Ben start their journey from point B.

♥4K, ♦8L, ♠11M, ♣20, ♠7T, ♥8R, ♠1L, ♣4V

Now as per the given information,

Ben walks towards the north for 4m from Point B, then Derek walks towards south for 8m from Point B, then Gabriel walks towards the west for 11m from Point B and so on followed by Thomas.

After each person's walk, once again they walk in alphabetical order. The given distance is travelled by Ben 2nd time, then Derek and so on followed by Gabriel, then followed by Thomas.

**Note 1:** ♠ means east, ♣ means west, ♥ means north, ♦ means south.

**Note 2:** Symbol represents direction, digit represents distance and letter represents the point where the person reached.

**Note 3:** Instruction is followed from left to right respectively.

Now based on the above example, find the direction and distance of John, Albert, Nathon and Edison.

♣7A, ♦3M, ♠8F, ♥7G

♥4R, ♠5E, ♥9C, ♠10D

♠8O, ♠7K, ♠2X, ♦10Y

♦2N, ♥3Z, ♦5W, ♠6T

**Q37. In which direction is point T with respect to point K?**

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

**Q38. What is the shortest distance between point C and point K?**

- (a) 160m
- (b)  $\sqrt{160}$ m
- (c)  $13\sqrt{26}$ m
- (d)  $\sqrt{13}$ m
- (e)  $\sqrt{14}$ m

**Q39. Which of the following statements is/are not true?**

- I. Nathon's final point is to south-west of Point G.
- II. John's final point is to the north-east of Point P.
- III. Point D is to the south-west of Point N.

- (a) Only II and III
- (b) Only I and II
- (c) Only I
- (d) Only III
- (e) All I, II and III

**Q40. In which direction is Johns's final position with respect to point E?**

- (a) North-west
- (b) North-east
- (c) South-west
- (d) North
- (e) East

**Q41. In the given question five sentences are given in which one is not coherent with others. Choose the incoherent statement as your answer.**

- (a) As cities expand into previously undeveloped land, the natural habitats of many animal species are rapidly disappearing.
- (b) Noise pollution from traffic and construction disrupts the mating calls and migration patterns of birds.
- (c) Urban planning initiatives now often include green corridors to help animals safely traverse city environments.
- (d) The popularity of minimalist architecture has increased significantly in urban apartment design.
- (e) Some species, like raccoons and pigeons, have adapted to urban environments and even thrive in densely populated areas.

**Q42. In the given question five sentences are given in which one is not coherent with others. Choose the incoherent statement as your answer.**

- (a) Eating fruits and vegetables provides your body with essential vitamins and minerals.
- (b) The heart pumps blood through arteries and veins to all parts of the body.
- (c) Whole grains are a good source of fiber and help with digestion.
- (d) Drinking water instead of sugary drinks can help prevent weight gain.
- (e) Too much processed food can increase the risk of health problems like diabetes.

**Q43. A paragraph is given below, followed by five alternatives. Select the one that most accurately conveys the same idea and context as the original.**

**An empty plate is more than a sign of hunger. It reflects inequality, waste, and the failure to make food security a collective priority.**

- (a) The image of an empty plate embodies not only human deprivation but the collective moral failure of societies that tolerate hunger amid abundance and structural inefficiency.
- (b) The sight of an empty plate simply mirrors individual hardship and bears no connection to wider issues of inequality, policy negligence, or moral accountability.
- (c) The notion of an empty plate has lost significance as improved welfare policies and efficient food systems have largely eliminated hunger and malnutrition nationwide.
- (d) The symbol of an empty plate now represents personal dietary choice rather than any social or administrative neglect related to food security and equitable distribution.
- (e) The meaning of an empty plate has changed with time, signifying temporary scarcity rather than enduring inequality or the state's indifference toward systemic hunger.

**Q44. A paragraph is given below, followed by five alternatives. Select the one that most accurately conveys the same idea and context as the original.**

**Recent studies reveal that exposure to microscopic air pollutants does not merely affect the lungs. These tiny particles penetrate the bloodstream, elevating the risk of heart attacks and strokes.**

- (a) Recent evidence suggests that airborne particles strengthen immunity and reduce the overall incidence of heart-related diseases among urban residents.
- (b) Microscopic particles remain confined to the respiratory tract, causing only mild and temporary irritation without any long-term cardiac consequences.
- (c) Air pollution primarily damages the nervous system, with negligible impact on vascular or coronary functioning in the general population.
- (d) Fine particulate pollutants enter the circulatory system and contribute significantly to cardiovascular complications, proving that air quality is directly linked to heart health.
- (e) Particulate matter affects only outdoor workers, leaving the cardiovascular health of indoor populations largely unharmed by polluted air.

**Q45. Rearrange the following sentences to form a meaningful paragraph.**

- (A) It helps in storing water for future use.
- (B) Rainwater harvesting is a simple conservation method.
- (C) This collected water can be used for daily needs.
- (D) This method is especially useful in drought-prone areas.
- (a) BACD
- (b) DABC
- (c) ABDC
- (d) CBDA
- (e) No rearrangement required

**Directions (46-55): Read the following passage and answer the given questions.**

For most Africans, air travel remains a fairytown fantasy—enchanting in theory, but **unreachable** in practice. Despite the continent's growing population of over 1.4 billion, less than 2% of Africans fly regularly. A mix of protectionist policies, poor infrastructure, and high costs has made air travel a luxury enjoyed by only the elite few.

Intra-African flights are among the most expensive globally. A round-trip ticket between Lagos and Nairobi—two key African cities—can exceed \$2000, often more than the cost of flying to Europe. This exorbitant pricing **begets** from excessive fuel surcharges, airport taxes, and a chronic lack of competition. Many African governments have long banned foreign airlines from operating domestic or inter-country routes. While intended to protect national carriers, this **fortress mentality** has produced the opposite effect: weak airlines, limited **connectivity**, and high fares.

This inward-looking approach has had bizarre consequences. It is not uncommon for African passengers to transit through Paris, Istanbul, or Dubai just to reach a neighboring country. The system is illogical and inefficient. While the Yamoussoukro Decision (1999) and its successor, the Single African Air Transport Market (SAATM), aimed to reform the sector, implementation has been sluggish. Only a handful of countries have put these liberalization policies into action.

The lack of reform causes stagnation. Without open skies, real competition cannot emerge. Without competition, prices remain high. And without affordable air travel, continental trade and integration suffer. In contrast, **facilitates** not only the movement of people but the flow of goods, ideas, and economic growth.

African aviation never truly **got off the ground**. To change this, leaders must prioritize regional cooperation, deregulation, and accessibility over isolation and control. Unless bold reforms are enacted, African skies will remain grounded in fantasy—a fairytown spectacle that benefits the few while excluding the many.

**Q46. What best expresses the author's opinion about African aviation?**

- (a) African nations should continue protecting national carriers through restrictive policies.
- (b) The aviation sector should focus only on domestic connectivity.
- (c) African leaders must embrace open skies and deregulation for real progress.
- (d) The aviation industry in Africa is thriving and affordable for most citizens.
- (e) The best way to improve aviation is to ban all foreign involvement.

**Q47. Which of the following words highlighted in the passage is contextually incorrect?**

- (a) facilitates
- (b) begets
- (c) connectivity
- (d) unreachable
- (e) All are correct

**Q48. Which of the following is TRUE according to the passage?**

- (A) A return flight between Lagos and Nairobi usually costs less than \$500.
- (B) Intra-African flights are often cheaper than flights to Europe.
- (C) A round-trip ticket between two African cities can exceed \$2000.
- (a) Only A
- (b) Both B and C
- (c) Only B
- (d) Only C
- (e) All A, B, C

**Q49. What does the phrase "got off the ground" mean?**

- (a) To gain attention before quickly fading away
- (b) To fail to launch due to lack of resources
- (c) To achieve long-term success after a temporary failure
- (d) To remain stuck at the planning stage indefinitely
- (e) To begin or launch successfully after preparation

**Q50. Which of the following statements is/are CORRECT according to the passage?**

- (I) The Yamoussoukro Decision was intended to open African airspace.
- (II) SAATM has been implemented successfully across all African nations.
- (III) Intra-African connectivity remains limited due to high costs.
- (a) Only (I)
- (b) Both (I) and (III)
- (c) Only (II)
- (d) All (I), (II), and (III)
- (e) Both (II) and (III)

**Q51. Which of the following is the most likely reason for the phrase "fairytown fantasy" to describe African aviation?**

- (a) African aviation is filled with fictional airline branding and marketing.
- (b) The aviation industry in Africa is controlled entirely by foreign companies.
- (c) Most African airports operate only luxury flights for tourists.
- (d) African countries refuse to participate in any form of regional aviation pacts.
- (e) Air travel seems glamorous and promising but is inaccessible for most.

**Q52. What does the author mean by "fortress mentality"?**

- (a) A collaborative mindset where African nations build protective trade alliances
- (b) An isolationist policy stance where countries protect their markets by avoiding external competition
- (c) A financial model focused on fortifying airport infrastructure through regional investments
- (d) A regulatory framework designed to expand African aviation into foreign markets
- (e) A defensive strategy used by airlines to prevent cyberattacks and data breaches

**Q53. Based on the passage, which of the following best describes the relationship between competition and affordability in African aviation?**

- (a) Increased competition has led to unfair pricing and overcapacity.
- (b) Competition is unrelated to ticket pricing in African aviation.
- (c) A lack of competition keeps prices artificially low to protect consumers.
- (d) Limited competition contributes to higher fares and poor connectivity.
- (e) Foreign competition would reduce airline quality and safety.

**Q54. Which of the following statement(s) is/are true?**

- (I) Fewer than 2% of Africans travel by air regularly.
- (II) Flights between African cities are often cheaper than flights to Europe.
- (III) Some African travelers must transit through non-African cities to reach nearby countries.
- (a) Only (I)
- (b) Both (I) and (III)
- (c) Only (II)
- (d) All (I), (II), and (III)
- (e) None of the above

**Q55. According to the passage, what is the primary consequence of restricting foreign airlines from operating intra-African routes?**

- (a) It improves safety and increases national employment in aviation.
- (b) It fosters rapid development of domestic infrastructure.
- (c) It encourages more domestic passengers to fly at affordable rates.
- (d) It weakens competition, increases prices, and limits connectivity.
- (e) It helps national carriers establish global partnerships.

**Directions (56-60): Choose the most appropriate replacement for each highlighted phrase in the passage so that the paragraph becomes both contextually suitable and grammatically correct.**

Artificial intelligence has transformed how students learn by expanding course catalogs online (A), reliable help at their fingertips. With AI chat assistants and course platforms, clarities long resolved (B) for the next class are resolved in minutes. Explanations, examples, and step-by-step solutions arrive on demand, so learners are no longer dependent on classroom lectures to keep moving forward. This immediacy reduces anxiety, sustains momentum, and turns confusion into curiosity.

AI also personalizes study. Adaptive systems diagnose weak areas, recommend targeted practice, and adjust difficulty in real time. Vocabulary drills, grammar checks, and writing feedback become continuous, specific, and data-driven. In the traditional classroom (C), AI creates timed quizzes, analyses mistakes, and suggests revision plans aligned to the syllabus. Visual summaries, flashcards, and audio notes capture transforming information (D) and busy schedules.

Beyond speed and personalization, AI expands access. Students in remote areas can consult high-quality tutors anytime; translations and text-to-speech remove language and reading barriers. Collaboration tools help peers co-create notes and track progress transparently.

Of course, smart use matters. **Therefore, every app dictates, (E)** compare multiple explanations, and practice solving without prompts. Used thoughtfully, AI becomes a study partner that accelerates understanding, builds confidence, and gives every learner the freedom to learn—anytime, anywhere. every day.

**Q56. Which of the following should replace the highlighted phrase (A)?**

- (a) with round-the-clock tools in use
- (b) by putting instant
- (c) in the new digital climate
- (d) No replacement required
- (e) alongside evolving classroom policies

**Q57. Which of the following should replace the highlighted phrase (B)?**

- (a) schedules that used to slip
- (b) messages that often delayed replies
- (c) doubts that once waited
- (d) forms that remained pending
- (e) No replacement required

**Q58. Which of the following should replace the highlighted phrase (C)?**

- (a) For exam preparation
- (b) No replacement required
- (c) During leisure entertainment
- (d) At the end of vacations
- (e) Beyond the scope of tests

**Q59. Which of the following should replace the highlighted phrase (D)?**

- (a) remain central to the classroom lecture delivery
- (b) No replacement required
- (c) hold perfect retention forever
- (d) generate teacher guidance entirely
- (e) support different learning styles

**Q60. Which of the following should replace the highlighted phrase (E)?**

- (a) Learners must depend on hints,
- (b) One should copy model answers,
- (c) Teachers will complete all tasks,
- (d) Students should verify sources,
- (e) No replacement required

**Q61. In the question below, few sentences have been given. Find out which of the following sentence is incorrect.**

- (A) The regulator issued clarifications that were awaited by lenders across multiple product categories for months.
- (B) He suggested that the fees is waived to accommodate unexpected documentation errors in certain applications.

(C) Between you and me, the mock results reflect careless reading rather than difficult passages overall.

(D) Despite the rain warnings, attendance remained strong and proctors reported smooth conduct overall across centres.

- (a) Only (B)
- (b) Both (B) and (D)
- (c) Only (A)
- (d) Both (B) and (C)
- (e) (A), (B), and (D)

**Q62. In the question below, few sentences have been given. Find out which of the following sentence is incorrect.**

(A) Walking through the archive, the labels guided researchers toward previously misfiled securities disclosures yesterday effectively.

(B) The compliance team reviewed contracts, verified calculations, and logged deviations within the centralized tracker yesterday.

(C) She appears to have forgotten to submit reimbursement proofs before accounts closed yesterday for reconciliation.

(D) No sooner had the briefing ended then questions erupted regarding vendor eligibility criteria for onboarding.

- (a) Only (D)
- (b) Both (A) and (D)
- (c) Only (C)
- (d) Both (B) and (C)
- (e) (A), (B), and (D)

**Q63. In the question below, few sentences have been given. Find out which of the following sentence is incorrect.**

(A) The chair recommended that the minutes be circulated before voting on the amended resolution today.

(B) The applicants complied with documentary requirements specified in paragraph six of the guidance for onboarding.

(C) Our procedures differ than the regulator's notices because internal risk thresholds are updated quarterly internally.

(D) Investigators found that several controls had failed before the alerting system was finally recalibrated internally.

- (a) Only (B)
- (b) Both (B) and (D)
- (c) Only (C)
- (d) Both (B) and (C)
- (e) (A), (B), and (D)

**Q64. In the question below, few sentences have been given. Find out which of the following sentence is incorrect.**

(A) He is one of those reviewers who insist on primary evidence before approving reimbursement claims.

(B) The manager, who was instructed to expedite the process, submitted the forms yesterday without delay.

(C) Twenty percent of the application are incomplete, according to the latest verification dashboard this morning.

- (D) Had the documents been uploaded earlier, the refund would have processed without additional correspondence today.
- (a) Only (D)
- (b) Both (B) and (C)
- (c) Only (A)
- (d) Both (C) and (D)
- (e) (A), (B), and (D)

**Q65. In the question below, two columns of phrases are provided—Column I and Column II. Choose the pair that, when joined with the given connector, forms a grammatically correct and contextually meaningful sentence.**

| Column I                                  | Column II                                              |
|-------------------------------------------|--------------------------------------------------------|
| A. The hall fell silent,                  | D. ___ she would wake up before sunrise.               |
| B. The instructions were printed clearly, | E. ___ even the last row could read them.              |
| C. Ravi revised the rules again,          | F. ___ everyone could hear the speaker without strain. |

- (a) B-F (so)
- (b) C-E (therefore)
- (c) A-F (so that)
- (d) B-D (within); A-F (for)
- (e) B-E (but)

**Q66. In the question below, two columns of phrases are provided—Column I and Column II. Choose the pair that, when joined with the given connector, forms a grammatically correct and contextually meaningful sentence.**

| Column I                                  | Column II                                      |
|-------------------------------------------|------------------------------------------------|
| A. The bell rang twice,                   | D. ___ the test would begin in five minutes.   |
| B. Neha carried a spare pen,              | E. ___ visitors could read it before entering. |
| C. The notice was posted at the entrance, | F. ___ her pen stopped working midway.         |

- (a) A-D (in which)
- (b) C-E (so that); B-F (in case)
- (c) A-F (as a result)
- (d) B-D (hence); A-F (for)
- (e) B-E (lest)

**Q67. In Column I, the highlighted parts may be grammatically incorrect. Column II lists possible replacements. Choose the option that gives the correct combination so that the sentences become grammatically correct.**

| Column I                                                                | Column II           |
|-------------------------------------------------------------------------|---------------------|
| A. Neither the rate nor the fees <b>was discussed</b> in detail.        | D. is little        |
| B. There <b>is few</b> evidence to support the revised projection.      | E. were discussed   |
| C. Unless the fields <b>are complete</b> , the system will not proceed. | F. are not complete |

- (a) A- no replacement required  
(b) A-E  
(c) A-E ; B-D  
(d) B-D  
(e) C-F

**Q68. In Column I, the highlighted parts may be grammatically incorrect. Column II lists possible replacements. Choose the option that gives the correct combination so that the sentences become grammatically correct.**

| Column I                                                                        | Column II             |
|---------------------------------------------------------------------------------|-----------------------|
| A. She <b>often spend</b> without checking the balance.                         | D. rarely spends      |
| B. <b>She not only did</b> submit the claim, she also attached receipts.        | E. The token had been |
| C. <b>Had the token been</b> issued earlier, the queue would have moved faster. | F. Not only did she   |

- (a) A-D  
(b) B-F; A-D  
(c) A-E; B-D  
(d) B-D  
(e) C- No replacement required

**Q69. In the following question, a paragraph is given with few blanks. Choose the word from the given options that will fill all the blanks and make the paragraph grammatically correct and contextually meaningful.**

\_\_\_\_\_ the bell rang, the committee came to order and asked Riya to \_\_\_\_\_ the proceedings. What looked like a \_\_\_\_\_ discrepancy in the figures soon turned serious, and the chair granted only a \_\_\_\_\_ for each member to speak.

- (a) record  
(b) tiny  
(c) time  
(d) minute  
(e) hour

**Q70. In the following question, a paragraph is given with few blanks. Choose the word from the given options that will fill all the blanks and make the paragraph grammatically correct and contextually meaningful.**

At daybreak, the \_\_\_\_\_ was soft across the courtyard, and the usher asked us to \_\_\_\_\_ the candles; with

\_\_\_\_\_ luggage we climbed the stairs, and the walls, painted a \_\_\_\_\_ blue, calmed the room.

- (a) light  
(b) hope  
(c) heavy  
(d) sight  
(e) mist

**Q71. In the following question, a paragraph is given with few blanks. Choose the word from the given options that will fill all the blanks and make the paragraph grammatically correct and contextually meaningful.**

At the quarterly review, the operations head proposed to \_\_\_\_\_ the warehouses with fast-moving items before the festive rush; the audit flagged expired \_\_\_\_\_ lying unsold; the service lead warned against giving \_\_\_\_\_ replies to complaints; and the surge in the company's \_\_\_\_\_ cheered employees.

- (a) stock  
(b) supply  
(c) standard  
(d) share  
(e) stuff

**Q72. In the following question, a paragraph is given with few blanks. Choose the word from the given options that will fill all the blanks and make the paragraph grammatically correct and contextually meaningful.**

During the annual meet, the secretary was asked to \_\_\_\_\_ every decision accurately; finance reported a \_\_\_\_\_ profit on the new line; HR checked the attendance \_\_\_\_\_ before releasing bonuses; and legal cautioned that any breach would stay on an employee's \_\_\_\_\_.

- (a) count  
(b) file  
(c) register  
(d) log  
(e) record

**Directions (73-75) : Read the following passage carefully and answer the questions given below them.**

Video games have evolved into a multifaceted medium that offers both recreation and intellectual stimulation for students. When used judiciously, they can yield numerous cognitive and pedagogical benefits. Educational and strategy-based games enhance critical thinking, problem-solving aptitude, and spatial awareness, while also fostering collaborative and communicative skills through multiplayer formats. Furthermore, gaming can serve as a therapeutic escape, helping students alleviate stress and rejuvenate their minds after intense academic exertion. Studies even suggest that certain action-oriented games bolster reflexes, hand-eye coordination, and attentional focus, contributing to both mental agility and adaptive learning.

Despite these advantages, excessive indulgence in video games can have detrimental repercussions. Prolonged exposure often leads to addictive tendencies, causing students to neglect academic responsibilities and social interactions. Extended screen time may trigger visual fatigue, musculoskeletal strain, and disrupted circadian rhythms. Moreover, recurrent engagement with violent or aggressive content can desensitize young minds, fostering irritability and diminishing empathic sensitivity. Academic performance may deteriorate as students become engrossed in virtual worlds, and their overreliance on digital engagement can precipitate social alienation and emotional stagnation.

In essence, video games represent a powerful yet ambivalent influence—capable of enriching the intellect when approached with moderation but equally capable of impairing growth when pursued obsessively. The key lies in equilibrium and discernment, ensuring that gaming remains a source of enrichment rather than erosion.

**Q73. Which of the following can most reasonably be inferred from the passage about students who engage in video gaming?**

- (a) Their physical well-being generally improves with extended hours of immersive gameplay.
- (b) Their capacity for empathy and interpersonal understanding tends to strengthen with exposure to violent game content.
- (c) Their ability to manage time effectively is largely unaffected by prolonged engagement in digital environments.
- (d) Their academic motivation remains stable even when gaming becomes excessive and repetitive.
- (e) Their cognitive growth may be positively influenced when gameplay is balanced with academic and social activities.

**Q74. Which of the following inferences can most plausibly be drawn from the passage concerning the adverse ramifications of excessive video-gaming behavior among students?**

- (I) Prolonged immersion in virtual domains may engender affective desensitization and a diminution of empathic responsiveness.
- (II) Sustained exposure to screens is liable to induce physiological strain, including ocular exhaustion and postural discomfort.
- (III) Individuals who devote inordinate time to gaming typically offset scholastic disengagement through heightened interpersonal participation.
- (a) Only (I)
- (b) Only (II)
- (c) Both (I) and (II)
- (d) Both (II) and (III)
- (e) All (I), (II), and (III)

**Q75. According to the passage, all of the following are identified as *constructive outcomes* of video gaming when practiced in moderation EXCEPT:**

- (a) The augmentation of analytical acuity and visuospatial intelligence through cognitively demanding gameplay.
- (b) The reinforcement of cooperative aptitude and interpersonal articulation fostered by collaborative gaming formats.
- (c) The refinement of psychomotor responsiveness and sustained attentional control through dynamic, action-based interaction.
- (d) The amplification of empathic receptivity and affective discernment resulting from recurrent exposure to violent digital scenarios.
- (e) The mitigation of psychological strain and restoration of cognitive vitality following rigorous academic endeavor.

**Directions (76–77): Find the pattern of the series and answer the question given below.**

**Series A:** 0.5, 3, 16, 97, P, 5441

**Series B:** Q, Q - 400, 3.5P+172, 2296, 2100, 1956

**Q76. Find the ratio of P to Q.**

- (a) 171 : 820
- (b) 170 : 819
- (c) 169 : 821
- (d) 168 : 823
- (e) None of these

**Q77. Find the value of  $\sqrt{(P - 4)}$ .**

- (a) 24
- (b) 26
- (c) 23
- (d) 25
- (e) 21

**Q78. The side of a square is X cm, and the area of the square and the area of a rectangle are equal. If the length and breadth of the rectangle are  $(2X - 5)$  cm and  $(X - 6)$  cm, respectively, then find perimeter of the rectangle (in cm).**

- (a) 60
- (b) 80
- (c) 70
- (d) 50
- (e) 90

**Q79. Three equations are given below. Solve the equations and answer the question given below.**

A:  $x^2 + x - 6 = 0$

B:  $y^2 + y - 12 = 0$

C:  $2z^2 - 3z - 5 = 0$

I:  $(2x + 3)^x$       II:  $(2^2)^y$       III:  $12Z$

**Find the relation between I, II and III. (Consider only positive roots of equations A, B and C.)**

- (a)  $I < II < III$
- (b)  $I > II > III$
- (c)  $I < II > III$
- (d)  $I < II \geq III$
- (e)  $I = II > III$

**Q80. Three equations are given below. Solve the equations and answer the question given below.**

I:  $x^2 - 12x + 35 = 0$  II:  $y^2 + 3y - 70 = 0$

III:  $z^2 - 5z - 14 = 0$

A:  $x = y > z$  B:  $x < y > z$  C:  $x < y$

The conditions (A, B, and C) are given, which have to be considered for the roots of each equation.

- (a)  $y \leq z$ , If only A follow
- (b)  $(y + z) < x$ , If only A follows
- (c)  $y \leq z$ , If only C follow
- (d)  $(y + z) < x$ , If only B follows
- (e) All follows

**Q81. Find the pattern of the series and answer the question given below.**

Series:  $(K + 1)$ ,  $(2^S - 2)$ ,  $(P^2 - 19)$ ,  $120(K + 1)$ , C

**Note:**

A: K = Square root of smallest two-digit perfect square.

B: P = Second smallest two-digit prime number.

C: S = Natural number, Maximum value of  $2^S < 40$ .

Quantity I:  $4 \times 3^{\text{rd}}$  term of the given series.

Quantity II:  $C/3$

Quantity III:  $K \times S^3 + 100$ .

- (a) Quantity I > Quantity II > Quantity III
- (b) Quantity I < Quantity II = Quantity III
- (c) Quantity I = Quantity II = Quantity III
- (d) Quantity I  $\leq$  Quantity II < Quantity III
- (e) Quantity I  $\geq$  Quantity II = Quantity III

**Q82. A shopkeeper has three types of apples (A, B, and C) with the following stock and individual weight.**

Type A: 50 apples in stock, 40 gm each.

Type B: 40 apples in stock, 60 gm each.

Type C: 60 apples in stock, 25 gm each.

He selects a certain number of apples of each of the three types and places them into a crate K. The number of apples chosen for each type are consecutive multiples of 5. The number of C-type apples in K is the minimum among all.

If the total weight of all the apples in the crate is 2050 gm, then how many type B apples did the shopkeeper put in the crate?

- (a) 30
- (b) 40
- (c) 20
- (d) 50
- (e) 60

**Q83. A shopkeeper sells two items, A and B. The ratio of the cost price of A to B is 3:4, respectively, and the ratio of the selling price of A to B is 58:69, respectively. A discount of 20% and 10% is offered on items A and B, respectively. If the profit earned on item B is 3.5%, then find the profit percentage on item A.**

- (a) 16%
- (b) 12%
- (c) 15%
- (d) 18%
- (e) 10%

**Q84. I:**  $\frac{x(x-5)+20}{x} = 9 - x$

II:  $y^2 + 2\sqrt{17}y - 5^2 = \sqrt{68}y$

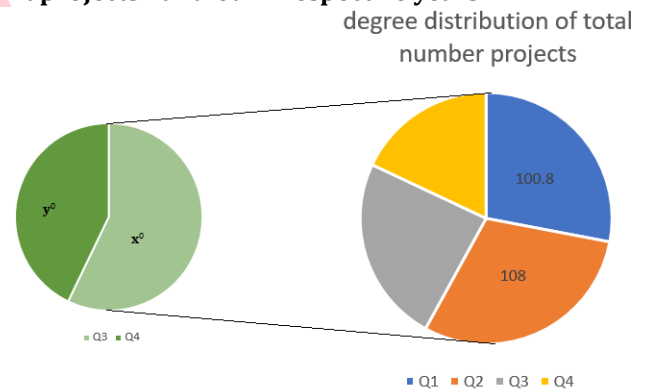
- (a) If  $x > y$
- (b) If  $x \geq y$
- (c) If  $x < y$
- (d) If  $x \leq y$
- (e) If  $x = y$  or no relation can be established between x and y

**Q85. I:**  $x \left( 2x + \frac{15}{x} \right) - 11x = 2x$

II:  $y^2 - 4^2 + 2^2y = -2y$

- (a) If  $x > y$
- (b) If  $x \geq y$
- (c) If  $x < y$
- (d) If  $x \leq y$
- (e) If  $x = y$  or no relation can be established between x and y

Direction (86-90): The graph given below shows the degree distribution of total number projects (private + public) handled in 4 quarters Q1, Q2, Q3 and Q4. The table shows the percentage of private projects handled wrt projects handled in respective years.



| Quarters | Percentage of private projects handle wrt total project handled |
|----------|-----------------------------------------------------------------|
| Q1       | 3a%                                                             |
| Q2       | 35%                                                             |
| Q3       | 50%                                                             |
| Q4       | a%                                                              |

**Note:** Measure of central angle of pie of pie ( $x^\circ + y^\circ$ ) is not equal to  $360^\circ$

The value of  $x^\circ = 21.6^\circ$  more than  $y^\circ$

The difference between private and public projects handled in Q2 is 108.

**Q86. If the average of public project handle in Q1 and in Q3 is 150, then find the private project handle by Q1 is what percentage of total project handle by Q2.**

- (a) 120
- (b) 50
- (c) 100
- (d) 60
- (e) 70

**Q87.** The ratio of private to public project handle in Q4 is 3:1, then find the difference between public project handle in Q4 and total project handle in Q1.

- (a) 122
- (b) 252
- (c) 282
- (d) 202
- (e) 123

**Q88.** Find the total project handle in the year.

- (a) 1200
- (b) 1500
- (c) 1000
- (d) 600
- (e) 700

**Q89.** If 60% total project handle are private projects, find the ratio of public project handle in Q1 and Q4 together to total project handled in Q2.

- (a) 12:11
- (b) 15:13
- (c) 10:11
- (d) 17:40
- (e) 7:9

**Q90.** If the value of a is 16.67%, then find the public project handled in Q1 and Q4.

- (a) 322
- (b) 348
- (c) 382
- (d) 302
- (e) 323

**Direction (91-94):** The table given below shows the cumulative number of ice creams (chocolate + vanilla) sold in given days. The second table shows the percentage of chocolate ice creams sold and the percentage of vanilla ice creams sold in the given day.

**Note : (i)** a is the positive root of the equation  $P^2 + 16P - 465 = 0$

**(ii)** b is the difference between the roots of the equation  $X^2 - 30X + 125 = 0$

| Days           | Total ice cream sold |
|----------------|----------------------|
| On Monday      | 450                  |
| Till Tuesday   | 1010                 |
| Till Wednesday | 1390                 |
| Till Thursday  | 2010                 |

| Days      | Percentage of chocolate ice creams sold | Percentage of vanilla ice cream sold |
|-----------|-----------------------------------------|--------------------------------------|
| Monday    | 4a                                      |                                      |
| Tuesday   |                                         | 4b-20                                |
| Wednesday | a+b                                     |                                      |
| Thursday  |                                         | 3b+10                                |

**Q91.** The ice cream sold on Friday is average of ice cream sold on Wednesday and Thursday. Find the total ice cream sold on Friday is how many more than vanilla ice cream sold on Thursday.

- (a) 66
- (b) 77
- (c) 88
- (d) 99
- (e) 121

**Q92.** Selling price of each vanilla ice cream is 20% more than the chocolate ice cream. Find the ratio of amount received by selling chocolate ice cream to vanilla ice cream sold on Monday.

- (a) 5:4
- (b) 7:5
- (c) 8:5
- (d) 5:8
- (e) 1:2

**Q93.** Total chocolate ice cream sold on Tuesday is what percentage of vanilla ice cream sold on Thursday.

- (a) 61
- (b) 72
- (c) 52
- (d) 92
- (e) 100

**Q94.** If Y is the 50% of average chocolate ice cream sold on Tuesday and Thursday and ratio of Y and Z is 5:4, find the difference between Z and X.

- (a) 57
- (b) 77
- (c) 88
- (d) both option 'a' and 'b'
- (e) both option 'b' and 'c'

**Directions (95-100):** Read the following table carefully and answer the questions given below. The table given shows the profit earned by four companies in 2020 and 2021 and the difference between the profit earned in 2020 and 2021 by each company.

| Companies | Profit in 2020 | Profit in 2021 | Difference between the profits in 2020 and 2021 |
|-----------|----------------|----------------|-------------------------------------------------|
| P         | 3X             | 1600           | 400                                             |
| Q         | 5X             | 1500           | 500                                             |
| R         | 150% of X      | 350            | 250                                             |
| S         | 900            | 550            | 87.5% of X                                      |

**Note:** Value of X is an integer.

**Q95.** The profit of company T in 2020 is equal to the sum of 20% of company P profit and 30% of company Q profit from the same year. From 2020 to 2021, the profit of company T increased by the same percentage as the profit of company P increased over the same period. Find the profit of company T in 2021.

- (a) Rs 1020  
(b) Rs 1120  
(c) Rs 1420  
(d) Rs 1560  
(e) Rs 1440

**Q96.** If the total revenue (selling price) of company T in 2020 is Rs 10000, then find the cost price (in Rs).

- (a) 12000  
(b) 8000  
(c) 6000  
(d) 7000  
(e) 9000

**Q97.** The cost price of company R in 2020 is Rs 2400. If company R's item is marked at a price 50% above its cost price, then find the discount percentage.

- (a) 6.67%  
(b) 12.5%  
(c) 16.67%  
(d) 8.33%  
(e) 10%

**Q98.** The cost price of company S in 2021 is Rs A. The item was marked up by 50% above its cost price. If the discount offered is the same as 10% of the cost price of the item, then find the marked price of the item (in Rs).

- (a) 2262.5  
(b) 1062.5  
(c) 2062.5  
(d) 2026.5  
(e) 2562.5

**Q99.** The cost price of item of company P in 2020 is equal to its profit earned in the same year. The cost price of an item of company S in 2020 was equal to the profit earned in the same year. If company P offered a 25% discount on its marked price and company S offered a 20% discount, then find the ratio between the marked price of items of company P to that of company S.

- (a) 64:45  
(b) 61:26  
(c) 60:49  
(d) 63:35  
(e) 45:64

**Q100.** The cost price of item of company P in 2021 is Rs T, and the item was marked up by W% above its cost price. The selling price was 140% of the cost price, and the discount offered was the same as 50% of the total markup amount. Find W.

- (a) 55  
(b) 70  
(c) 65  
(d) 50  
(e) 80

**Q101. Set A:** The set contains six positive consecutive multiples of 5 (two-digit numbers).

**Set B:** The set contains three positive consecutive multiples of 6 (two-digit numbers).

Which of the combinations is definitely true?

| Column I                                                                                                                                               | Column I                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>P.</b> The difference between the smallest number of set A and set B is equal to the difference between the 3rd smallest number of set A and set B. | <b>X.</b> The second smallest number of set A is equal to the second smallest number of set B. |
| <b>Q.</b> One of the number in set B is 36.                                                                                                            | <b>Y.</b> Sum of the largest numbers of set A and set B is 146.                                |
| <b>R.</b> The largest number of set A is greater than the largest number of set B.                                                                     |                                                                                                |

- (a) Only PX  
(b) Both PX and RX  
(c) Both PX and RY  
(d) PY, RX and QY  
(e) None of these

**Q102.** On a 300 km long racing track, three bikes — A, B, and C take part in a race. Initially, their speeds are 50 km/hr for Bike A, 40 km/hr for Bike B, and 60 km/hr for Bike C. After the first 2 hours of racing, their speeds are altered as follows:

Bike A adopts a new speed which is 25% more than Bike C's speed at that moment.

Bike B increases its speed by 10% compared to its original speed.

Bike C reduces its speed to 80% of Bike A's original speed.

**Find the time gap (in minutes) between the bikes that finished first and second.**

- (a) 40 minutes  
(b) 50 minutes  
(c) 45 minutes  
(d) 35 minutes  
(e) 30 minutes

**Directions (103-106):** Read the information carefully and answer the questions based on it.

There are three schools, A, B, and C, with a total of 650 girls across all three. The ratio of the number of boys in School A to the number of girls in School B is 4:5. The number of girls in School A is 20% greater than the number of girls in School B. In School C, the total number of students is 420, and the number of girls is 120 less than the number of boys in School B.

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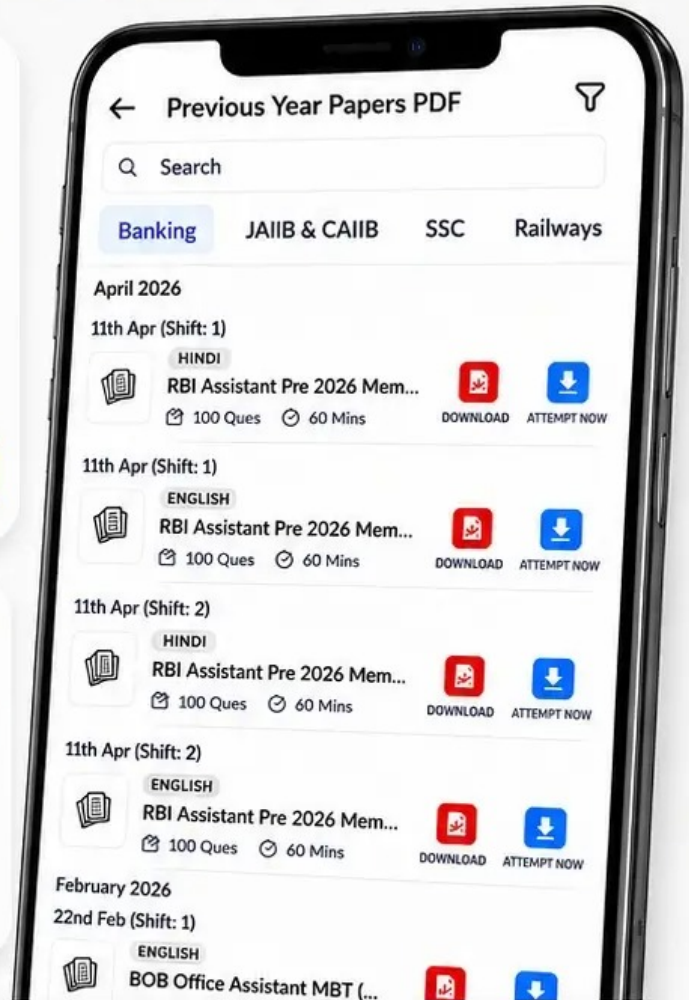
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**Q103.** If total students in A are 400, then find the difference between total number of boys in school B and C?

- (a) 150
- (b) 160
- (c) 180
- (d) 120
- (e) Can't be determined

**Q104.** Find the difference between girls in A & B together and number of boys in C?

- (a) 310
- (b) 320
- (c) 230
- (d) None of these
- (e) Can't be determined

**Q105.** Find the ratio of total boys in A to total girls in C?

- (a) 3:5
- (b) 2:3
- (c) 3:1
- (d) 2:1
- (e) Can't be determined

**Q106.** Find the ratio of sum of number of students in A and girls in B to total number of boys in A?

- (a) 6 : 5
- (b) 15 : 4
- (c) 12 : 5
- (d) 5 : 2
- (e) Can't be determined

**Q107.** A shopkeeper sells two articles, A and B. The ratio of the cost price of A and B is 4:5, respectively. The marked price of A is thrice the marked price of B. The selling price of A is Rs 840, which is Rs 840 more than the discount offered on it. What is the profit earned on B (in Rs)?

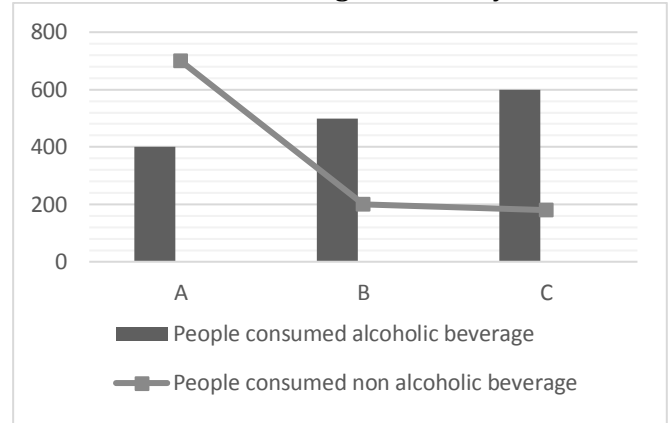
I: The cost price of A is Rs 700, and the profit earned on B is 20% of its cost price.

II: The selling price of A is Rs 665 more than the profit earned on B.

- (a) Only I
- (b) Only II
- (c) Both I & II together
- (d) Either I or II
- (e) Neither I nor II

**Direction (108-110):** The bar graph shows the total people consumed alcoholic beverage in three different cities. The line graph shows the number of people consumed non-alcoholic beverages in each city. Table

shows the data of male and female consumed alcoholic and non - alcoholic beverage in each city.



| Cities | Alcoholic beverage                                     | Non-alcoholic beverage                            |
|--------|--------------------------------------------------------|---------------------------------------------------|
| A      | Male consumed 200 more than that of female consumed    | Female consumed is 40 more than the male consumed |
| B      | Male consumed is 66.66% of female consumed             | Female consumed is 50% more than male consumed    |
| C      | Females consumed is 28.57% less than the male consumed | Male consumed is 50% of the female consumed       |

**Q108.** Find the difference between males who consumed alcoholic beverages in C and female who consumed alcoholic beverages in B.

- (a) 30
- (b) 50
- (c) 60
- (d) 70
- (e) 100

**Q109.** Find the ratio of male consumed alcoholic beverage in A and B together to female consumed non-alcoholic beverages in C.

- (a) 25:6
- (b) 17:15
- (c) 8:15
- (d) 15:8
- (e) 11:12

**Q110.** The non- alcoholic beverage consumed in all the cities is what percentage of total people in all the cities.

- (a) 61
- (b) 42
- (c) 32
- (d) 112
- (e) 12