UIIC AO Generalist Prelims Memory Based Paper (22nd October 2026 S1)

Directions (1-9): Read the following passage and answer the given questions.

Mr. Song had spent seventeen years **serving** in the North Korean military, rising steadily through the ranks until he held a position that most men in his country would have considered a privilege. He wore his uniform with the discipline that the regime demanded, attended the mandatory political sessions without visible complaint, and performed every duty assigned to him with the quiet efficiency of a man who had learned very early in life that survival depended on never drawing unwanted attention.

But beneath that carefully maintained surface, something had been changing for years. Late at night, when the barracks were silent, Mr. Song had been secretly tuning into Liberty Radio — a foreign broadcast that delivered news about the outside world in the Korean language. What he heard over those years could not be **dismissed** easily. The contrast between the world described on that radio and the reality he witnessed every day in his own country was too vast, too consistent, and too detailed to be explained away as enemy propaganda. He began to understand, slowly and reluctantly, that much of what he had been taught to believe since childhood was simply not true.

The decision to leave did not come suddenly. It built over months of careful, silent calculation. Mr. Song knew the risks better than most — he had seen what happened to families of those who attempted to flee. But the weight of what he now knew had become heavier than the fear of what might happen if he tried.

One winter night, he crossed the border into China on foot, moving through frozen terrain that he had mentally mapped over weeks of quiet preparation. The journey was brutal and uncertain, and there were moments when he was convinced, he would not survive it.

He did survive. Exhausted and alone in a country whose language he did not speak, Mr. Song felt, for the first time in his adult life, something that his years of military service had never once offered him — the unfamiliar, overwhelming sensation of personal liberty.

Q1. Which of the following options provides the most accurate synonym for the word "dismissed" as highlighted in the passage?

(a) Rejected
(b) Exonerated
(c) Terminated
(d) Dispatched
(e) Reduced

Ans.(a)

Q2. Which of the following options carries the same contextual meaning as the word "serving" as used in the passage?

(a) Producing
(b) Quenching
(c) Considering
(d) Availing
(e) Performing

Ans.(e)

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Q3. Which of the following statements can be inferred from the passage?
I. The foreign radio broadcasts immediately convinced Mr. Song to defect within a few days of listening.
II. Mr. Song was aware that defecting from his country could lead to severe consequences for his family.
III. Mr. Song held a position of responsibility within the military that gave him free access to cross borders legally.
(a) Only I
(b) Only II
(c) Both I and III
(d) Both II and III
(e) All I, II, and III
Ans.(b)

Q4. Based on the passage, which of the following factors contributed to Mr. Song's successful crossing of the border?
I. He mentally planned his route across the frozen terrain prior to his departure.
II. He received financial and navigational assistance from foreign agents stationed at the border.
III. He chose to cross on foot during the winter season.
(a) Only I
(b) Only III
(c) Both I and III
(d) Both II and III
(e) All I, II, and III
Ans.(c)

Q5. Why did Mr. Song maintain a quiet and compliant demeanor while serving in the North Korean military?
(a) He was deeply devoted to political ideologies taught in mandatory training sessions.
(b) He was attempting to mislead his fellow soldiers while gathering secret information.
(c) He hoped to gain a high-ranking position that would allow him to travel overseas.
(d) He realized early on that avoiding unwanted attention was crucial for his survival.
(e) He wanted to earn special privileges and official recognitions from the government.
Ans.(d)

Q6. What primary realization led Mr. Song to question the beliefs he had held since childhood?
(a) The severe physical hardships he experienced while serving in military barracks.
(b) The sudden enforcement of harsher political compliance rules by military officers.
(c) The stark contrast between local reality and news heard on foreign radio programs.
(d) The direct influence and persuasion of family members who had already defected.
(e) The realization that his position in the military offered no financial stability.
Ans.(c)

Q7. Which of the following best describes the psychological turning point that drove Mr. Song to attempt escape?
(a) Fear of arrest by military authorities surpassed his desire for personal freedom.
(b) The weight of knowing the truth outweighed his fear of potential consequences.
(c) A sudden opportunity presented itself during a night patrol that he seized quickly.
(d) The unexpected loss of military rank forced him to seek shelter in China.
(e) Complete inability to endure physical fatigue associated with army routine.
Ans.(b)

Q8. How did Mr. Song feel upon reaching China, despite facing language barriers and isolation?
(a) Deeply regretful about abandoning his military position and social privilege.
(b) Anxious that local police officers would repatriate him to his homeland.
(c) Confident that he would instantly secure housing and employment opportunities.
(d) Relieved that he no longer had to endure harsh physical winter conditions.
(e) Overwhelmed by a novel sense of personal freedom he had never experienced.
Ans.(e)

Q9. Which of the following titles best captures the central theme of the passage?
(a) The Harsh Realities of North Korean Military Training
(b) Liberty Radio: The Foreign Broadcast Network Overseas
(c) A Quiet, Deliberate Journey Toward Personal Freedom
(d) Winter Operations Along the Chinese Border Patrol Route
(e) Propaganda and Its Deep Psychological Impact on Officers
Ans.(c)

Q10. Choose the correct connector to adjoin the two sentences to form a grammatically correct sentence.
(I) The trainee followed instructions carefully during the complex account opening procedure.
(II) Errors were avoided despite multiple verification steps requiring close attention.
(a) because
(b) yet
(c) hence
(d) unless
(e) provided
Ans.(c)

Directions (11-16): In the following passage there are blanks, each of which has been denoted by a letter. For each blank, five options are given. Choose the most appropriate word from the options that fits the blank appropriately.
Tourism has grown into one of the largest industries in the world, bringing both opportunities and challenges. Experts warn that responsible exploration _____ (a) to become the norm rather than the exception. Overcrowding at popular beaches steadily _____ (B) natural resources such as fresh water and clean sand. Yet the sector also _____ (C) millions of families by providing jobs in hotels, transport, and handicrafts. Backpackers can reduce their carbon _____ (D) by choosing railways over brief hops by air. Staying in locally owned guesthouses ensures that visitor spending directly _____ (E) the community. Finally, an insurance policy protects holidaymakers from unexpected _____ (F) like lost luggage or cancelled flights.

Q11. Which of the following words will fit in the given blank (A)?
(a) Insists
(b) Needs
(c) Demands
(d) Requires
(e) Necessitates
Ans.(b)

Q12. Which of the following words will fit in the given blank (B)?
(a) Generates
(b) Reserves
(c) Inherits
(d) Depletes
(e) Hoards
Ans.(d)

Q13. Which of the following words will fit in the given blank (C)?
(a) Restrains
(b) Ordains
(c) Sustains
(d) Detains
(e) Contains
Ans.(c)

Q14. Which of the following words will fit in the given blank (D)?
(a) Signature
(b) Trace
(c) Shadow
(d) Track
(e) Footprint
Ans.(e)

Q15. Which of the following words will fit in the given blank (E)?
(a) Accrues
(b) Earns
(c) Gains
(d) Benefits
(e) Wins
Ans.(d)

Q16. Which of the following words will fit in the given blank (F)?
(a) Rumours
(b) Mishaps
(c) Rewards
(d) Gestures
(e) Formalities
Ans.(b)

Q17. A word has been given in the question and used in the sentences below. Identify the statements where the word has been used in a contextually and grammatically correct manner.
AMOUNT
(I) The total **amount** of money collected through donations was sufficient to support the relief campaign.
(II) The manager decided to **amount** the expenses before submitting the final financial report.
(III) Despite his limited resources, his hard work **amounted** to a significant improvement in the company's performance.
(a) Only (I)
(b) Both (I) and (III)
(c) Only (II)
(d) Both (II) and (III)
(e) All of these
Ans.(b)

Directions (18-21): In the following question, a sentence is provided with three highlighted words that may be incorrectly positioned. Choose the correct sequence to rearrange these words, ensuring the sentence is both grammatically and contextually correct.

Q18. The restorers were **beneath (a)** to discover that **astonished (B)** the layers of varnish lay an entirely different **portrait (C).**
(a) BAC
(b) BCA
(c) CBA
(d) ACB
(e) No rearrangement required
Ans.(a)

Q19. Moments after take-off, the pilot noticed a **return (a)** on the instrument panel and calmly **flicker (B)** permission to **requested (C)** to the airport.
(a) BAC
(b) CBA
(c) CAB
(d) BCA
(e) No rearrangement required
Ans.(d)

Q20. The treaty, which was signed in **haste (A),** sowed the **erupt (B)** of resentment that would eventually **seeds (C)** into another war.
(a) CAB
(b) CBA
(c) BAC

(d) ACB
(e) No rearrangement required
Ans.(d)

Q21. Astronomers detected faint **atmosphere (a)** of water vapour in the **orbiting (B)** of an exoplanet **traces (C)** a distant red dwarf.
(a) CAB
(b) CBA
(c) BCA
(d) ACB
(e) No rearrangement required
Ans.(a)

Directions (22-26): The sentence is divided into four segments: (A), (B), (C), and (D). Identify the segment that contains a grammatical error. If the sentence is both grammatically and contextually correct, select "No error" as the correct answer.

Q22. The technician warned residents (A)/ they had better to dispose (B)/ of old batteries only at (C)/ the designated e-waste collection centre. (D)
(a) A
(b) B
(c) C
(d) D
(e) No error
Ans.(b)

Q23. Not until the cycling (A)/ track project is completed (B)/ commuters will notice a real (C)/ reduction in peak-hour traffic congestion. (D)
(a) A
(b) B
(c) C
(d) D
(e) No error
Ans.(c)

Q24. Fishermen along the coast (A)/ said they were still (B)/ not familiar of the new (C)/ warning signals despite months of awareness campaigns. (D)
(a) A
(b) B
(c) C
(d) D
(e) No error
Ans.(c)

Q25. The counsellor asked the (A)/ trainee where did he want (B)/ to train further after completing (C)/ the vocational programme this term. (D)
(a) A
(b) B
(c) C
(d) D
(e) No error
Ans.(b)

Q26. Many a seasoned diver, having spent (A)/ years among the reefs, have admitted (B)/ that the sudden currents near the wreck (C)/ remain impossible to predict. (D)
(a) A
(b) B
(c) C
(d) D
(e) No error
Ans.(b)

Directions (27-30): In the question below, a part is highlighted in bold, which may not be grammatically correct. Choose the correct alternative for the highlighted part to make the sentence grammatically correct.

Q27. You must refrain **from making personal comments** during formal discussions.
(a) to make personal comments
(b) from make personal comments
(c) for making personal comments
(d) to making personal comments
(e) No replacement required
Ans.(e)

Q28. Unless you **do not submit the documents**, your application will not be processed.
(a) submit the documents
(b) will not submit the documents
(c) did not submit the documents
(d) submit not the documents
(e) No replacement required
Ans.(a)

Q29. No sooner **did the bell rang than** the students rushed out of the classroom.
(a) had the bell rang than
(b) did the bell ring than
(c) did the bell ring when

(d) had the bell rung when
(e) No replacement required
Ans.(b)

Q30. She spoke **so soft that hardly anyone** could hear her speech.
(a) so softly that hardly anyone
(b) too soft that hardly anyone
(c) soft enough that nobody
(d) so softly that no one
(e) No replacement required
Ans.(a)

Directions (31-35): Study the following information carefully and answer the questions given below:
Eight persons, A to H, were born in different months of the same year from January to August, but not necessarily in the same order.
C was born four months after H and immediately before A. C was born in the month having odd number of days. The number of persons were born before A is one more than the number of persons born after D. More than two persons were born between D and B. G was born immediately before E. F was born before E.

Q31. Who was born two months before B?
(a) C
(b) G
(c) D
(d) H
(e) E
Ans.(b)

Q32. Which pair was born in consecutive months?
(a) E, A
(b) H, C
(c) C, B
(d) H, F
(e) A, H
Ans.(c)

Q33. Four of the following five are alike in a certain way and hence form a group. Which one does not belong to that group?
(a) H
(b) G
(c) E
(d) C
(e) F

Ans.(b)

Q34. How many persons were born between F and the one who was born just after B?
(a) None
(b) Four
(c) Two
(d) Three
(e) More than four
Ans.(e)

Q35. A is related to B and in the same way E is related to H. Then in the same way, G is related to _____.
(a) B
(b) E
(c) F
(d) C
(e) D
Ans.(e)

Q36. If we form a meaningful word using the second, fourth, fifth and sixth letters of the word "WARDROBE", which of the following will be the second letter from left end of the word thus formed? If more than one meaningful word can be formed, mark Y as your answer. If no meaningful word can be formed, mark X as your answer.
(a) R
(b) X
(c) O
(d) A
(e) Y
Ans.(c)

Directions (37-40): Study the following information carefully and answer the questions given below:
In a certain code language,
'Tiger is brave animal' is written as 'na mo ka so'
'Brave and smart lion' is coded as 'ka pa ri lu'
'Smart animal run fast' is coded as 'ri zo ja na'
'Lion and tiger run' is coded as 'lu pa mo ja'

Q37. What is the code for 'brave'?
(a) ka
(b) mo
(c) so
(d) na
(e) Cannot be determined
Ans.(a)

Q38. What does 'ja' stand for?
(a) run
(b) smart
(c) animals
(d) fast
(e) lions
Ans.(a)

Q39. Which code represents 'smart animals'?
(a) ri zo
(b) zo ja
(c) ka ri
(d) ja cu
(e) None of these
Ans.(e)

Q40. 'pa' is the code for which word?
(a) and
(b) tigers
(c) lion
(d) is
(e) Can't be determined
Ans.(e)

Directions (41-45): Study the following information carefully and answer the questions given below:
Six persons, K, L, M, N, O and P, sit around a circular table, all facing inside. Each of them plays a different musical instrument: Guitar, Piano, Flute, Violin, Drums and Sitar.
M is an immediate neighbour of O. The one who plays Flute sits second to the left of M. K sits third to the right of L, who is not an immediate neighbour of M. The one who plays Piano sits opposite the one who plays Sitar. P plays Guitar. N sits second to the right of the one who plays Drums. One of the immediate neighbours of O plays Sitar.

Q41. Who among the following plays the Violin?
(a) L
(b) M
(c) N
(d) O
(e) K
Ans.(d)

Q42. How many persons sit between P and the one who likes sitar when counted from the right of P?
(a) None
(b) One
(c) Two
(d) Three
(e) Four
Ans.(d)

Q43. Which of the following combinations is correct?
(a) L – Piano
(b) O – Sitar
(c) N – Violin
(d) O – Guitar
(e) K – Drums
Ans.(e)

Q44. Who among the following sits fifth to the right of L?
(a) K
(b) The one who plays piano
(c) M
(d) The one who plays violin
(e) P
Ans.(b)

Q45. Which of the following is not true about K?
(a) K plays the Drums.
(b) K sits opposite L.
(c) P is an immediate neighbour of K.
(d) N sits second to the right of K.
(e) O sits to the immediate left of K.
Ans.(e)

Directions (46-48): Study the following information carefully and answer the questions given below:
There are eight members- K, G, J, H, D, L, P and R in a family of three generations. The family has two married couples.
H is the son of K who is the father-in-law of D. L is the only son of D and the elder brother of P. J is the daughter of G, who is the grandmother of P. K has only one son. R is the sibling of L and P.

Q46. How is K related to P?
(a) Grandmother
(b) Grandfather
(c) Mother
(d) Sister

(e) Father
Ans.(b)

Q47. If A is the husband of R, then how R is related to H?
(a) Daughter
(b) Son
(c) Mother
(d) Sister
(e) Can't be determined
Ans.(a)

Q48. How many female members in the family?
(a) Two
(b) More than four
(c) Four
(d) One
(e) Can't be determined
Ans.(e)

Q49. In the number '94618357', how many pairs of digits have the same number of digits between them in the number as they have between them in the numerical series (both forward and backward directions)?
(a) One
(b) None
(c) Two
(d) Three
(e) Four
Ans.(d)

Directions (50-52): Study the following information carefully and answer the questions given below:
An uncertain number of persons sit in a row and face north. H sits fifth to the right of B. D sits two places away from B. K sits third to the left of D. Four persons sit between M and K. M is not immediate neighbour of H. Only two persons sit to the left of M. Two persons sit between A and M. The number of persons sit between A and B is one more than number of persons sit between H and F. F sits to the left of H. Not more than two persons sit to the right of F.

Q50. Who among the following sits sixth to the right of A?
(a) H
(b) K
(c) F
(d) D
(e) Unknown person
Ans.(c)

Q51. What is the position of K from the right end of the row?
(a) 3rd
(b) 4th
(c) 5th
(d) 6th
(e) 7th
Ans.(e)

Q52. How many persons sit in the row?
(a) 15
(b) 14
(c) 13
(d) 17
(e) 19
Ans.(b)

Q53. Study the following statements carefully. The statements establish certain relationships between different elements, followed by two conclusions. Based on the given statements, determine which of the conclusions logically follow and select the appropriate answer.
Statements: I ≥ J ≥ K = L; M < N ≤ L = O ≥ P
Conclusions:
I. J ≥ P II. M < J
(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 neither conclusion I nor II is true
(e) If both conclusion I and II are true
Ans.(e)

Q54. In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions. Assume the given statements to be true and find which of the given conclusions is true.
Statements: G = H < I; J ≥ I > K = L
Conclusions:
I. L < H
II. K ≥ 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 neither conclusion I nor II is true
(e) If both conclusion I and II are true
Ans.(c)

Q55. In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions. Assume the given statements to be true and find which of the given conclusions is true.
Statements: S ≥ T > V; W < V = X
Conclusions:
I. S > X
II. W < T
(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 neither conclusion I nor II is true
(e) If both conclusion I and II are true
Ans.(e)

Directions (56-60): Examine the details provided below and answer the questions that follow.
Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row - 1 P, Q, R, S, T and U are seated and all of them are facing north. G, H, I, J, K and L are sitting in row-2 and facing south direction.
R is the only immediate neighbor of U. Two persons sit between R and the one who faces K. J sits diagonally opposite to Q but not sit right of K. I sits 2nd to the right of G who faces P. Two persons sit between H and the one who faces S.

Q56. Who is seated diagonally opposite to I?
(a) P
(b) R
(c) U
(d) T
(e) S
Ans.(c)

Q57. Which of the following pairs is seated next to each other in the same row?
(a) P and Q
(b) Q and R
(c) R and S
(d) S and Q
(e) T and U
Ans.(d)

Q58. Who is seated to the immediate right of J?
(a) G
(b) H
(c) I

(d) K
(e) L
Ans.(b)

Q59. Which of the following statement(s) is/are true?
I. I faces the one who sits immediate right of S
II. More than two persons sit between I and H
III. R does not sit left of P
(a) Both I and III
(b) Only III
(c) Both II and III
(d) Only I
(e) All I, II and III
Ans.(c)

Q60. How many persons sit to the right of the one who faces K?
(a) Four
(b) More than four
(c) One
(d) None
(e) Two
Ans.(a)

Q61. In the word ' HOLIDAY', determine the number of pairs of letters such that the number of letters lying between them in the given word is exactly the same as the number of letters lying between them in the English alphabetical order (considering both forward and backward directions).
(a) One
(b) Two
(c) None
(d) Three
(e) Four
Ans.(a)

Directions (62-63): In the question below, some statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q62. Statements:
Only a few houses are wall
No wall is painted
All woods are houses
Conclusions:

I. Some houses are not painted
II. No woods being painted is a possibility
(a) If only I follows
(b) If only II follows
(c) If either I or II follows
(d) If neither I nor II follows
(e) If both I and II follow
Ans.(e)

Q63. Statements:
All Waterfalls are rivers.
Only a few rivers are lakes.
Only lakes are water.
Conclusions:
I. All Lakes can be Rivers.
II. Some Waterfalls can be Lakes.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follow
(d) Neither conclusion I nor II follows
(e) Either conclusion I or II follows
Ans.(b)

Q64. In each question below some statements are given followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer-
Statements:
Only a few refine is process
All refine is products
No factory is process
Conclusions:
I. All products can never be process
II. All refine being factory is a possibility
(a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or II follows
(d) If neither conclusion I nor II follows
(e) If both conclusions I and II follow
Ans.(a)

Q65. In the number '75847361' If 2 is subtracted from first four digits of the number and 1 is added to rest digit of the number, then, then how many digits will become prime digits?
(a) One
(b) Two
(c) Three
(d) Four
(e) More than four
Ans.(e)

Directions (66-70): The table shows the value of 1400 – (A + B) and A : (A + B) in five schools. (where A and B are the two sections).

School	1400 – (A + B)	A : (A + B)
P	500	4 : 9
Q	640	9 : 19
R	380	7 : 17
S	560	5 : 12
T	300	6 : 11

Q66. What is the total number of students in section B across all five schools?
(a) 2390
(b) 2450
(c) 2490
(d) 2530
(e) 2560
Ans.(c)

Q67. Section A of school R has what percent more students than section A of school S?
(a) 15%
(b) 20%
(c) 25%
(d) 30%
(e) 35%
Ans.(b)

Q68. What is the average number of students in section A across all five schools?
(a) 410
(b) 418
(c) 426
(d) 432
(e) 440
Ans.(c)

Q69. Section B of school R is what percent of section A of school P?
(a) 120%
(b) 125%
(c) 140%
(d) 150%
(e) 160%
Ans.(d)

Q70. If 20% of section B students in school S move to section A, what is the new ratio of A to B in school S?
(a) 7 : 6
(b) 8 : 7
(c) 9 : 8
(d) 5 : 4
(e) 6 : 5
Ans.(b)

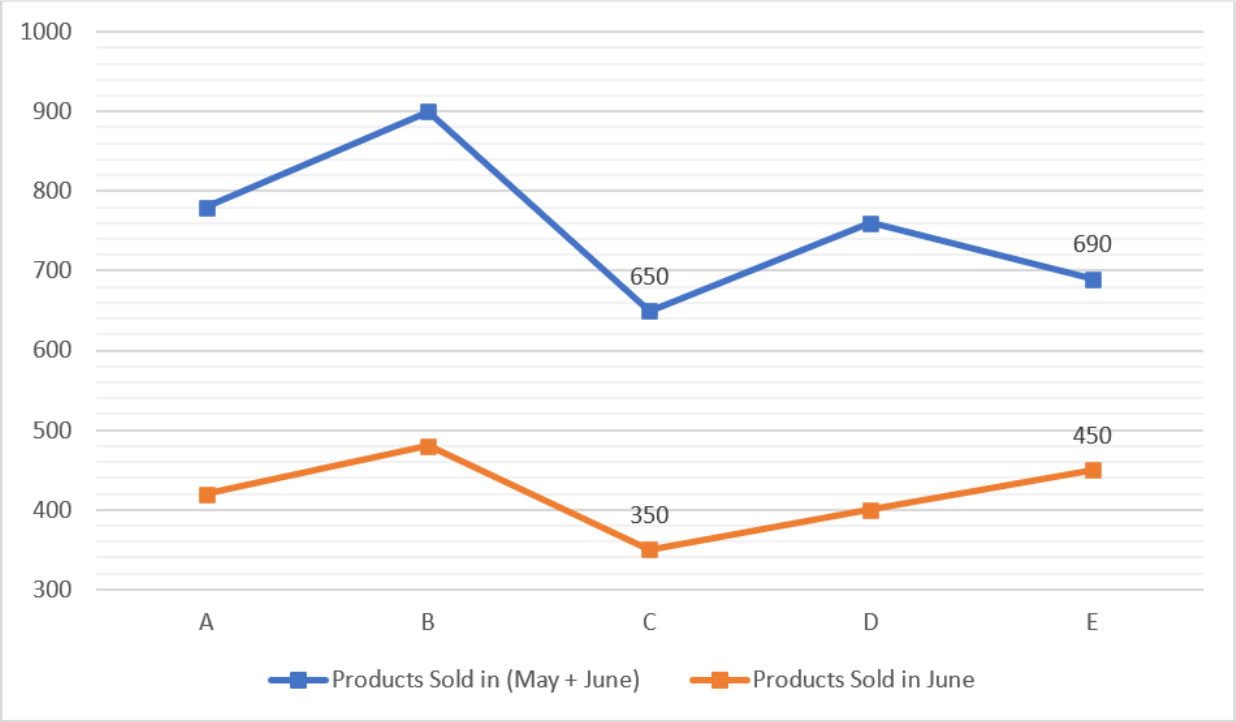
Q71. P and Q started a business together. The investment of P is Rs 3000 more than that of Q. P's capital remained invested for 8 months, while Q's capital was invested for a year. If, at the end of the year, the total profit is Rs 9600, then find the investment (in Rs) of Q. (Note: The profit share of P is 24k, where $k^2 + 625 = 40625$.)
(a) 6600
(b) 5000
(c) 5400
(d) 6000
(e) 8000
Ans.(d)

Q72. A spends 18% of his income on food and clothing, 22% on transport, 40% of his daughter's education and saves the remaining Rs.18600 in a month. What is the monthly income of A?
(a) 96000
(b) 90000
(c) 93000
(d) 92000
(e) 91000
Ans.(c)

Q73. The average of four numbers A, B, C, and D is 20, and another number E is 10 more than the average of B and C. Find the value of 2E+A.
(a) 15
(b) 20
(c) 14
(d) Can't be determined

(e) None of these
Ans.(d)

Directions (74-78): The line graph shows the number of products sold by five shops in May and June combined, and in June alone. Study it carefully and answer the questions that follow.



Q74. The total number of products sold by all five shops in May is what percent of the total number of products sold by all five shops in June?
(a) 75%
(b) 78%
(c) 80%
(d) 82%
(e) 85%
Ans.(c)

Q75. In July, shop C sold 20% more products than it did in June, while shop E sold one-third fewer products than it did in June. What is the total number of products sold by shops C and E together in July?
(a) 680
(b) 700
(c) 720
(d) 740
(e) 760
Ans.(c)

Q76. What is the ratio of the total products sold by shops A and C together in May to the products sold by shop B in June?
(a) 9 : 7
(b) 11 : 8
(c) 13 : 10
(d) 7 : 5
(e) 11 : 9
Ans.(b)

Q77. The average number of products sold by shops A, B and E in June is how much more than the average number of products sold by the same three shops in May?
(a) 90
(b) 100
(c) 110
(d) 120
(e) 130
Ans.(c)

Q78. The number of products sold by shop E in June is what percent more than the number of products sold by shop C in May?
(a) 40%
(b) 45%
(c) 50%
(d) 55%
(e) 60%
Ans.(c)

Q79. Suresh was married 14 yrs ago and his present age is 3/2 times of the age at the time of his marriage. If his son's age is 1/3 rd of his father's present age, then find the age of his son.
(a) 16 yrs
(b) 18 yrs
(c) 14 yrs
(d) 12 yrs
(e) 20 yrs
Ans.(c)

Q80. A shopkeeper sells three identical items at a loss of 8%, a profit of 25% and a loss of 7% respectively. The average selling price of the three items is Rs. 1550. If the item is marked 20% above the cost price and sold at a discount of Rs. 150, what is the profit percentage?
(a) 8
(b) 10
(c) 12

(d) 15
(e) 18
Ans.(b)

Q81. B invests Rs Y in a scheme which offers 18% simple interest for four years and receives Rs.2880 as interest. If B invests Rs (Y+1500) in a bank which offers 20% compound interest for two years, then find the total amount received by B from the bank (in Rs).
(a) 7920
(b) 1980
(c) 2420
(d) 5680
(e) 6625
Ans.(a)

Q82. A vessel contains 56 liters of milk and some water. If 24 liters of pure milk and 18 liters of water are added to the vessel, then the water in the new mixture becomes 20% of mixture. Find the initial quantity of water in the vessel?
(a) 2.5
(b) 1.5
(c) 3
(d) 1
(e) 2
Ans.(e)

Q83. Length of train P is 60 meters less than train Q. They cross a pole in 20 seconds and 15 seconds, respectively. If the speed of train Q is 72 km/h and the length of a bridge is half the length of train Q, then find the time taken by train P to cross the bridge.
(a) 15 second
(b) 20 second
(c) 32.5 second
(d) 24.5 second
(e) 12.5 second
Ans.(c)

Q84. The speed of the stream is 5 km/h, and the downstream speed of a ship is 10 km/h more than twice the speed of the stream. The ship sails from Port P to Port Q and returns back to Port P in 15 hours. The water flows from P to Q. Find the time taken (in hours) by the ship to cover twice the distance between P and Q in downstream.
(a) 10
(b) 4
(c) 6
(d) 12
(e) 15

Ans.(a)

Q85. The ratio of milk to water in a mixture is 5: 4. 90 liters of mixture are taken out and 30 liters water is added. Now, the quantity of milk in the mixture becomes 8 litres more than that of water. Find the initial quantity of mixture (in liters)?
(a) 432
(b) 450
(c) 405
(d) 360
(e) 540
Ans.(a)

Q86. The average salary per person of teachers and clerks together is Rs. 240. The average salary of 40 teachers is Rs. 300 and the average salary of x clerks is Rs. 180. Find the value of x.
(a) 40
(b) 50
(c) 60
(d) 80
(e) 100
Ans.(a)

Q87. Find the wrong number in the following number series.
12, 19, 48, 108, 232, 447, 789
(a) 12
(b) 19
(c) 48
(d) 108
(e) 232
Ans.(c)

Q88. Find the missing number in the following number series.
8, 30, 140, 690, ?, 17190
(a) 3450
(b) 3430
(c) 3460
(d) 3440
(e) 3480
Ans.(d)

Q89. Find the wrong term in following number series:
124, 126, 136, 162, 212, 296, 416
(a) 126
(b) 136

(c) 162
(d) 212
(e) 296
Ans.(e)

Q90. In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.
1.5, 9, 51, 205, 616, 1233, 1234
(a) 616
(b) 51
(c) 1.5
(d) 1233
(e) 9
Ans.(e)

Q91. In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.
15631, 11536, 8160, 5416, 3219, 1491, 160
(a) 1491
(b) 11536
(c) 160
(d) 15631
(e) 5416
Ans.(b)

Q92. What approximate value should come in the place of question (?) mark in following questions.
125.07% of 419.93 + 50.99 = (80% of ?$)^2$

(a) 30
(b) 45
(c) 20
(d) 25
(e) 50
Ans.(a)

Q93. What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)
499.99 ÷ (9.19 + 11.09) + 59.99 × 2.99 = ?
(a) 215
(b) 210
(c) 205

(d) 200
(e) 195
Ans.(c)

Q94. What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

$\frac{40.19\%of650+29.9\%of850}{4.9} + 6.9 = ? \times 10.09$

(a) 4
(b) 7
(c) 14
(d) 11
(e) 18
Ans.(d)

Q95. What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

$[(12.98)^2 - (7.02)^2] \div 5.02 + 19.99\%$ of $1399 + (13.01 \times 2.99) = ?^3$

(a) 4
(b) 11
(c) 9
(d) 7
(e) 14
Ans.(d)

Directions (96-100): Read the information carefully and answer the questions that follow.
In a school of 600 students, each student studies English, Hindi, Sanskrit, some combination of them, or none, and one-sixth of the students study none of the three.
40 students study all three subjects, and the number who study only English and Hindi is 50% more than this. Students who study only Hindi and Sanskrit are 25% fewer than those who study only English and Hindi, while those who study only English and Sanskrit are 15 more than those who study all three. The total number of students who study English is 275, and the total who study Sanskrit is 220. All remaining students study only Hindi.

Q96. What is the total number of students who study Hindi?
(a) 225
(b) 235
(c) 245
(d) 255
(e) 265
Ans.(c)

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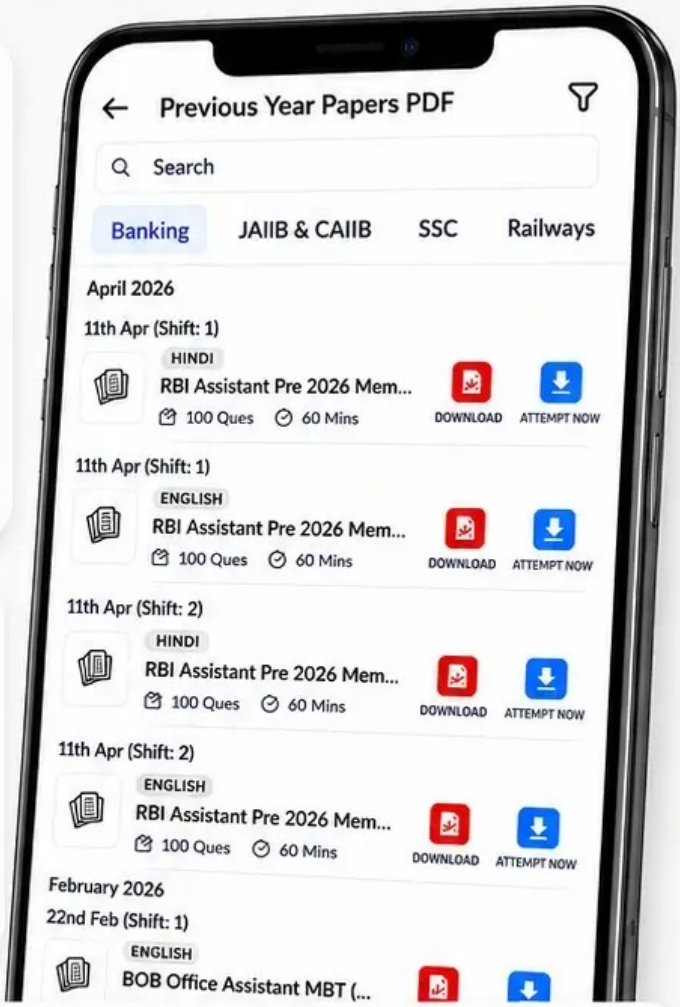
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READ THEIR STORIES !

Q97. Students who study exactly one subject make up what percent of the total students?
(a) 40%
(b) 45%
(c) 50%
(d) 55%
(e) 60%
Ans.(c)

Q98. What is the ratio of students who study only English to those who study only Sanskrit?
(a) 4 : 3
(b) 3 : 2
(c) 5 : 3
(d) 5 : 4
(e) 2 : 1
Ans.(b)

Q99. How many students study English but not Hindi?
(a) 155
(b) 165
(c) 175
(d) 185
(e) 195
Ans.(c)

Q100. The total number of Sanskrit students is what percent less than the total number of English students?
(a) 15%
(b) 18%
(c) 20%
(d) 22%
(e) 25%
Ans.(c)