



Series
B

CODE : AEM – 26
Write here Roll Number and Answer Sheet No.

Question Booklet Sl. No.

Roll No.

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Answer Sheet No.

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Duration : 2 Hours

Total Marks : 200

Declaration by Invigilator :
I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Signature of the Invigilator with Name

Declaration by Candidate :
I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Candidate with Name

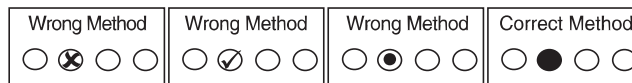
Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

- The Roll No. is a 7 digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
- The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
- Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.
- Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
- You must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- All questions are compulsory and each Question carries 2 marks.
- There is no negative marking for incorrect answers.**
- This Booklet contains 100 questions. Candidates must note that there will be 4 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General Awareness	1-25	5 – 8
B	General Intelligence and Reasoning Ability	26-50	9 – 14
C	Arithmetical and Numerical Ability	51-75	15 – 18
D	Test of English Language and Comprehension	76-100	19 – 23

- Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
- Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
- No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
- This booklet contains 24 pages.
- Directions :** Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Black Ball-Point Pen provided by the Board against the question concerned in the Answer Sheet.
- Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.



The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

- There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.
- Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
- You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

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SECTION – A
(General Awareness)

1. The Fundamental Duties are included in which Article of the Constitution of India ?
(a) Article 32 (b) Article 44
(c) Article 51A (d) Article 368
2. Radioactivity was discovered by
(a) Marie Curie (b) Ernest Rutherford
(c) Henri Becquerel (d) J. J. Thomson
3. Who is the founder of Homeopathy ?
(a) Hippocrates (b) Samuel Hahnemann
(c) Edward Jenner (d) Louis Pasteur
4. In India, The Jnanpith Award is given for excellence in which field ?
(a) Science (b) Sports
(c) Music (d) Literature
5. The first Asian Games began in which year ?
(a) 1948 (b) 1950
(c) 1954 (d) 1951
6. Who founded the Khilji dynasty ?
(a) Alauddin Khilji
(b) Jalal-ud-din Khilji
(c) Qutb-ud-din Aibak
(d) Ghiyasuddin Tughlaq



7. The headquarters of the Eastern Command of the Indian Army is located at
(a) Chennai (b) Kolkata
(c) Lucknow (d) Jaipur
8. The Central Forest Research Institute of India is located at
(a) Dehradun (b) Bhopal
(c) Shimla (d) Lucknow
9. The Seventh Schedule of the Constitution of India deals with
(a) Fundamental Rights
(b) Amendment of the Constitution
(c) Distribution of Powers between Union and State Governments
(d) Emergency Provisions
10. The Directive Principles of State Policy are contained in which Part of the Constitution of India ?
(a) Part II (b) Part III
(c) Part V (d) Part IV
11. The State Bird of Arunachal Pradesh is
(a) Great Hornbill (b) Indian Myna
(c) Indian Peafowl (d) Himalayan Monal
12. Kamlang Tiger Reserve and Wildlife Sanctuary are located in which district of Arunachal Pradesh ?
(a) Tawang (b) Changlang
(c) Lohit (d) None of the above
13. Total number of seats in the Arunachal Pradesh Legislative Assembly is (as on March 2026)
(a) 40 (b) 50
(c) 60 (d) None of the above



14. Consider the following statements about Arunachal Pradesh :
1. Before 1972, it was known as the North-East Frontier Agency (NEFA).
 2. It became a Union Territory on 20 January, 1987 and was renamed as Arunachal Pradesh.

Which of the statements given above are correct ?

- (a) Only 1
 - (b) Only 2
 - (c) Both 1 and 2
 - (d) None of the above
15. The idea of the Concurrent List in the Constitution of India was borrowed from the Constitution of which Country ?
- (a) United Kingdom
 - (b) Canada
 - (c) Australia
 - (d) United States
16. Athlete's foot is a disease caused by
- (a) Bacteria
 - (b) Virus
 - (c) Protozoa
 - (d) Fungus
17. Which planet is also known as the "Evening Star" ?
- (a) Mars
 - (b) Venus
 - (c) Jupiter
 - (d) None of the above
18. The Mozambique Current is a
- (a) Cold current of the Atlantic Ocean
 - (b) Cold current of the Pacific Ocean
 - (c) Warm current of the South Indian Ocean
 - (d) Cold current of the Indian Ocean



19. The First Round Table Conference was held in which year ?
- (a) 1928 (b) 1929
(c) 1930 (d) None of the above
20. Who said the famous slogan “Swaraj is my birthright and I shall have it” ?
- (a) Mahatma Gandhi (b) Bal Gangadhar Tilak
(c) Jawaharlal Nehru (d) Subhas Chandra Bose
21. Article 14 of the Constitution of India deals with
- (a) Right to Freedom (b) Right against Exploitation
(c) Equality before law (d) Freedom of Religion
22. Article 17 of the Constitution of India deals with
- (a) Equality before law
(b) Prohibition of discrimination
(c) Abolition of untouchability
(d) Equality of opportunity in public employment
23. The National Bank for Agriculture and Rural Development (NABARD) was established in which year ?
- (a) 1975 (b) 1980
(c) 1982 (d) 1991
24. The First Five-Year Plan (1951–1956) of India was based on which model ?
- (a) Harrod-Domar Model (b) Mahalanobis Model
(c) Solow Growth Model (d) Lewis Model
25. Which of the following acids is mainly present in Apple ?
- (a) Citric acid (b) Tartaric acid
(c) Oxalic acid (d) Malic acid



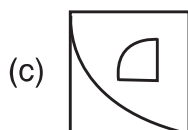
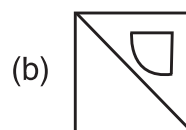
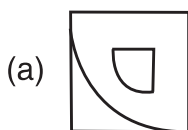
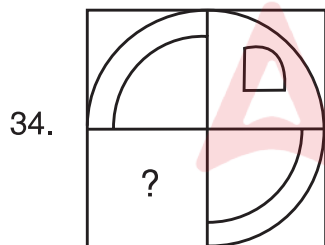
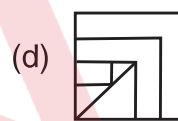
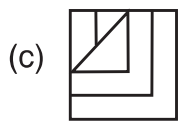
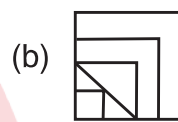
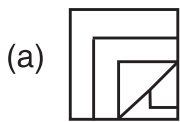
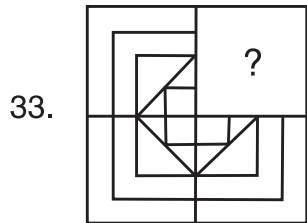
SECTION – B
(General Intelligence and Reasoning Ability)

Direction (Q. No. 26 to 29) : Which number will come in the place of question mark (?) in the following number series ?

26. 3, 7, 23, 95, ?
(a) 479 (b) 575
(c) 128 (d) 162
27. 1, 1, 4, 8, 9, 27, ?
(a) 16 (b) 12 (c) 9 (d) 27
28. 95, 94, 92, 89, 85, 80, ?
(a) 74 (b) 69 (c) 75 (d) 77
29. 4, 12, 36, 108, 324, ?
(a) 520 (b) 680 (c) 475 (d) 972
30. One day, Ravi left home and cycled 10 km southwards, turned right and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometers will he have to cycle to reach his home straight ?
(a) 15 km (b) 10 km
(c) 20 km (d) 25 km
31. If 4 cats can kill 4 rats in 4 minutes, how many minutes will it take 8 cats to kill 8 rats ?
(a) 8 minutes (b) 4 minutes
(c) 2 minutes (d) 16 minutes
32. In a group of five persons, Kamal is the tallest while Lata is the shortest. Rashmi is shorter than Kamal but taller than Vandana and Prem. Prem is second shortest person in the group. Who is the third tallest ?
(a) Vandana (b) Rashmi
(c) Prem (d) Lata



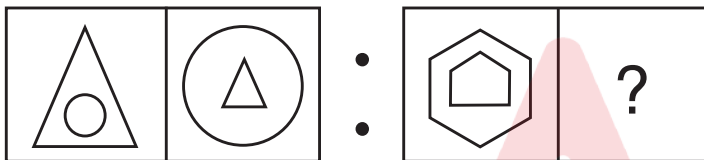
Direction (Q. No. 33 and 34) : Select a suitable figure from the options that would replace the question mark (?).





35. Kunal walks 10 km towards North. From there, he walks 6 km towards South. Then he walks 3 km towards East. How far and in which direction is he with reference to his starting point ?
- (a) 5 km, West
 - (b) 7 km, West
 - (c) 7 km, East
 - (d) 5 km, North-East

36. Find the figure from the options that will replace the question mark (?).



- (a)
- (b)
- (c)
- (d)

37. In the following question, a group of four figures are given. Out of which three figures are similar to each other in a certain pattern. Find the figure which does not belong to the group.

- (a)
- (b)
- (c)
- (d)

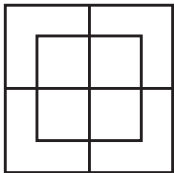


Direction (Q. No. 38 and 39) : In each of the following questions, certain pairs of words/ numbers are given. Out of which the words/numbers in all pairs except one, bear a certain common relationship. Choose the pair in which the words/numbers are differently related.

38. (a) Car : Road
 (b) Ship : Sea
 (c) Rocket : Space
 (d) Aeroplane : Pilot

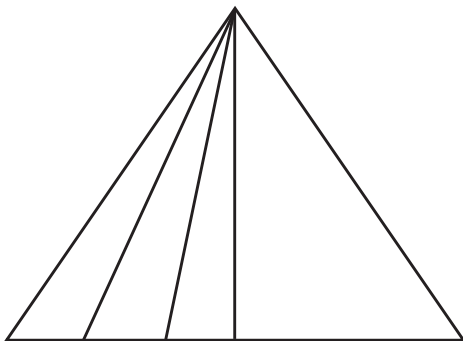
39. (a) 55 – 62 (b) 34 – 43
 (c) 62 – 71 (d) 83 – 92

40. How many squares are there in the given figure ?



- (a) 7 (b) 12
 (c) 8 (d) 10

41. How many triangles are there in the following figure ?



- (a) 5 (b) 12
 (c) 9 (d) 10



42. Find out the pair in which the words bear the same relationship to each other as similar to the words of the given pair bear.

Introvert : Extrovert

- (a) Angle : Tangent (b) Extreme : Interim
(c) Against : Favour (d) Action : Law
43. 'Ship' is related to 'Captain' in the same way as 'Newspaper' is related to
- (a) Reader (b) Printer
(c) Publisher (d) Editor
44. Pointing to a man in a photograph a woman says, "He is the father of my only daughter-in-law's father-in-law". How is the man related to the woman ?
- (a) Father (b) Brother
(c) Husband (d) Father-in-law
45. In the following question, two statements followed by two conclusions are given. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and decide which of the given conclusion(s) logically follow(s) from the two given statements, disregarding commonly known facts.

Statements : All stars are planets.

All planets are galaxies.

Conclusions: I. All galaxies are planets.

II. All stars are galaxies.

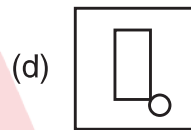
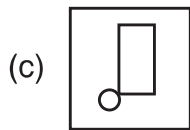
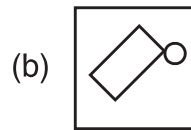
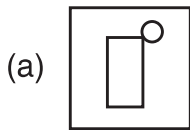
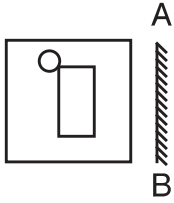
- (a) Only conclusion I follows (b) Only conclusion II follows
(c) Both conclusions I and II follow (d) Neither I nor II follows
46. Read the following information carefully and answer the question given below.
- I. 'P × Q' means 'P is the father of Q'.
II. 'P – Q' means 'P is the sister of Q'.
III. 'P + Q' means 'P is the mother of Q'.
IV. 'P ÷ Q' means 'P is the brother of Q'.

In the expression $B + D \times M \div N$, how is M related to B ?

- (a) Granddaughter (b) Son
(c) Grandson (d) None of the above



47. Choose the correct mirror image of the given figure if a mirror is placed on the line AB.



Direction (Q. No. 48 to 50) : Select the option that is related to the third term in the same way as the second term is related to the first term.

48. Page : Book :: Leaf : ?

(a) Forest

(b) Root

(c) Red

(d) Tree

49. Dog : Rabies :: Mosquito : ?

(a) Plague

(b) Death

(c) Malaria

(d) Sting

50. 9 : 81 :: 12 : ?

(a) 124

(b) 104

(c) 134

(d) 144



SECTION – C
(Arithmetical and Numerical Ability)

51. The greatest number that divide 8 and 14 leaving the same remainder 2 in each case is

- (a) 7 (b) 6
(c) 5 (d) 3

52. If $a : b = 2 : 3$, $b : c = 9 : 15$, then $a : b : c =$

- (a) 2 : 3 : 5 (b) 2 : 9 : 15
(c) 2 : 3 : 15 (d) 2 : 3 : 4

53. Anil can do $\frac{2^{\text{rd}}}{3}$ of work in 18 days. In how many days can he finish $\frac{1^{\text{th}}}{4}$ of the work ?

- (a) $6\frac{1}{2}$ (b) $6\frac{1}{4}$
(c) 6 (d) $6\frac{3}{4}$

Direction (Q. No. 54 and 55) : Study the following table and answer the questions. Number of candidates appeared and qualified in a competitive exam from different States over the years is given below.

State	Years					
	2023		2024		2025	
	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified
M	5200	720	8500	980	7400	850
N	7500	840	9200	1050	8450	920
P	6400	780	8800	1020	7800	890
Q	8101	950	9500	1240	8700	980

54. What is the average candidates who appeared from State Q during the given years ?

- (a) 8700 (b) 8767
(c) 8990 (d) 8920



55. In which of the given years the number of candidates appeared from State P has maximum percentage of qualified candidates ?
- (a) 2023 (b) 2024
(c) 2025 (d) both (a) and (c)
56. What percent of 250 is 200 ?
- (a) 60% (b) 70%
(c) 80% (d) 90%
57. A number when decreased by 20% becomes 160, find the number.
- (a) 180 (b) 220
(c) 200 (d) 190
58. The average of first 3 multiples of 12 is
- (a) 36 (b) 24
(c) 72 (d) 25
59. If a shirt of Rs. 300 is sold at Rs. 315, then the profit percentage is
- (a) 10% (b) 5%
(c) 15% (d) 8.5%
60. Find the selling price of a flask, if the marked price is Rs. 1,300 and discount offered is 10%.
- (a) Rs. 1,270 (b) Rs. 1,290
(c) Rs. 1,160 (d) Rs. 1,170
61. The value of $\frac{(0.9)^2 - (0.1)^2}{(0.9 - 0.1)}$ is
- (a) 1 (b) 0.8
(c) 0.1 (d) 8



62. If $2x = y - 2x$, then $4y - x =$
- (a) 0 (b) $3x$
(c) $10x + 9$ (d) $15x$
63. If $2^x = 1$, then $8^x =$
- (a) 1 (b) 8
(c) $\frac{1}{8}$ (d) 0
64. The value of $0.1 \times 0.01 \times 10,000$ is
- (a) 100 (b) 1
(c) 10 (d) $\frac{1}{10}$
65. The value of $\frac{0.3 - 0.03}{10}$ is
- (a) 2.7 (b) 0.27
(c) 0.027 (d) 27
66. The least number which when divided by 6 and 10 leaves the remainder 2 is
- (a) 32 (b) 28
(c) 34 (d) 42
67. The HCF of 18 and 81 is
- (a) 18 (b) 81
(c) 3 (d) 9
68. The product of HCF and LCM of two numbers is 216. If one of the number is 18, then the other number is
- (a) 12 (b) 24
(c) 6 (d) 36



69. If $x : y = 5 : 4$, then $\frac{x+y}{x-y} =$
- (a) $\frac{1}{9}$ (b) $\frac{1}{20}$
(c) 9 (d) 20
70. If A and B get their share in the ratio 5 : 6 of the amount Rs. 1,331, then B's share is
- (a) Rs. 605 (b) Rs. 726
(c) Rs. 762 (d) Rs. 650
71. By how much is three-fourth of 80 more than 50 ?
- (a) 15 (b) 25
(c) 10 (d) 20
72. The product of two numbers is 19200 and their HCF is 40. Find their LCM.
- (a) 240 (b) 480
(c) 960 (d) 192
73. If $\frac{2}{5}x + 3 + \frac{8}{5}x = 3x$, then $x =$
- (a) 0 (b) -3
(c) 2 (d) 3
74. If $\frac{2^{\text{th}}}{7}$ of a number is equal to 36, then half of that number is
- (a) 105 (b) 63
(c) 126 (d) 36
75. The LCM of 18, 36 and 108 is
- (a) 18 (b) 108
(c) 216 (d) 54



SECTION – D
(Test of English Language and Comprehension)

Direction (Q. No. 76 and 77) : Choose the most suitable antonym for the given words from the alternatives given below them.

76. Single

- | | |
|------------|-------------------|
| (a) desert | (b) multiple |
| (c) resist | (d) none of these |

77. Urban

- | | |
|-------------|-------------|
| (a) risk | (b) prosaic |
| (c) conceal | (d) rural |

Direction (Q. No. 78 and 79) : Choose the alternative which best expresses the meaning of the given idiom.

78. To beat black and blue.

- | | |
|----------------------------------|-------------------------|
| (a) To make a poor impression | (b) To beat mercilessly |
| (c) To pass to a different owner | (d) To be ruined |

79. Yeoman's service.

- | | |
|-------------------------|-----------------------------|
| (a) excellent work done | (b) to spend time uselessly |
| (c) bad and good work | (d) under all circumstances |

Directions (Q. No. 80 and 81) : Each of the following sentences has been split into four parts and the parts have been presented in a jumbled form. Choose the best order from among the four options (a), (b), (c) and (d) which produces the original sentence.

80. P. scientists say they have developed a new
Q. illness such as heart disease and cancer
R. DNA tool that uses machine learning to accurately
S. predict people's height and assess their risk for serious
- | | |
|----------|----------|
| (a) PRSQ | (b) RPSQ |
| (c) PSRQ | (d) QRPS |



81. P. an earthquake and tsunami
Q. the disaster mitigation agency
R. said that the death toll from
S. in the country has crossed 1500
- (a) PQSR (b) RPSQ
(c) SQRP (d) QRPS

Direction (Q. No. 82 to 84) : In the following questions, a part of the sentence is underlined. Below are given alternatives to the underlined part at (a), (b) and (c) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (d).

82. Naveen's father lives on Delhi.
- (a) in Delhi (b) at Delhi
(c) inside Delhi (d) No improvement
83. Suma bought four dozen of Mangoes.
- (a) Dozen of Mango (b) Dozens of Mangoes
(c) Dozen Mangoes (d) No improvement
84. In the hot afternoon, after a long walk, Krishna rested under the shadow of a tree.
- (a) Shelter (b) Shade
(c) Cool (d) No improvement

Direction (Q. No. 85 and 86) : In each of the following questions, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

85. Chandu said, 'Yes, I am at fault'.
- (a) Chandu admitted that he was at fault. (b) Chandu forbade that he was at fault.
(c) Chandu asked that he is at fault. (d) Chandu admitted that he is at fault.



89. Fill in the blank with the help of the alternatives given below.

In literature, a tragedy is a plot in which the 'hero' because of some inherent flaw in his/her character dies. Thus Hamlet, Julius Caesar and Romeo and Juliet are tragedies. In each of these plays the _____ is either a great man or a man of great promise.

- (a) Fool (b) Protagonist
(c) Villain (d) Actor

Direction (Q. No. 90 and 91) : Fill in the blanks with appropriate words from the alternatives given below them.

90. He _____ many foreign cities before he returned to India.

- (a) has seen (b) had seen
(c) saw (d) see

91. Had she been working regularly, she _____ completed the project yesterday.

- (a) would have (b) will have
(c) will (d) was

Direction (Q. No. 92 to 94) : Choose one word substitute for the following from the alternatives given below them.

92. A person with a highly developed sense of beauty.

- (a) Activist (b) Aesthete
(c) Phobic (d) Ascetic

93. The scientific study of plants.

- (a) Zoology (b) Botany
(c) Anatomy (d) Physiology

94. A part of a river out of the main stream, where the water does not move.

- (a) Backwater (b) Tributary
(c) Channel (d) Mouth



Direction (Q. No. 95 and 96) : Choose the correctly spelt word from the following alternatives.

95. (a) ocasion (b) occesion
(c) occasion (d) occagen
96. (a) omited (b) ommited
(c) ommitted (d) omitted

Direction (Q. No. 97 and 98) : In each of the following questions, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one that best expresses the same sentence in Passive/Active voice.

97. A Good deal of money will be made by that investment.
(a) That investment has made a good deal of money.
(b) That investment will be making a good deal of money.
(c) That investment has been making a good deal of money.
(d) That investment will make a good deal of money.
98. Nalini often praises me.
(a) I was often praised by Nalini. (b) I have been often praised by Nalini.
(c) I am often praises by Nalini. (d) I am often praised by Nalini.

Direction (Q. No. 99 and 100) : Choose the nearest correct meaning or synonym for the given words from the alternatives given below them.

99. Intolerable
(a) unbearable (b) listless
(c) large (d) decay
100. Invent
(a) doubt (b) discover
(c) fearless (d) critical

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