A

Question Booklet Sl. No.

Series **A**

CODE : AEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

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

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory and each Question carries **2** marks.
7. **There is no negative marking for incorrect answers.**
8. 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

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A
(General Awareness)

1. The State Bird of Arunachal Pradesh is

   (a) Great Hornbill
   (b) Indian Myna
   (c) Indian Peafowl
   (d) Himalayan Monal

2. 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

3. 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

4. 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

5. 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

6. 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

7. 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

8. The National Bank for Agriculture and Rural Development (NABARD) was established in which year ?

(a) 1975
(b) 1980
(c) 1982
(d) 1991

9. 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

10. Which of the following acids is mainly present in Apple ?

(a) Citric acid
(b) Tartaric acid
(c) Oxalic acid
(d) Malic acid

11. Athlete's foot is a disease caused by

(a) Bacteria
(b) Virus
(c) Protozoa
(d) Fungus

12. Which planet is also known as the "Evening Star" ?

(a) Mars
(b) Venus
(c) Jupiter
(d) None of the above

13. 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

14. The First Round Table Conference was held in which year ?
    (a) 1928 (b) 1929
    (c) 1930 (d) None of the above

15. 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

16. Who founded the Khilji dynasty ?
    (a) Alauddin Khilji
    (b) Jalal-ud-din Khilji
    (c) Qutb-ud-din Aibak
    (d) Ghiyasuddin Tughlaq

17. The headquarters of the Eastern Command of the Indian Army is located at
    (a) Chennai (b) Kolkata
    (c) Lucknow (d) Jaipur

18. The Central Forest Research Institute of India is located at
    (a) Dehradun (b) Bhopal
    (c) Shimla (d) Lucknow

19. 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

20. 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

21. 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

22. Radioactivity was discovered by
    (a) Marie Curie
    (b) Ernest Rutherford
    (c) Henri Becquerel
    (d) J. J. Thomson

23. Who is the founder of Homeopathy ?
    (a) Hippocrates
    (b) Samuel Hahnemann
    (c) Edward Jenner
    (d) Louis Pasteur

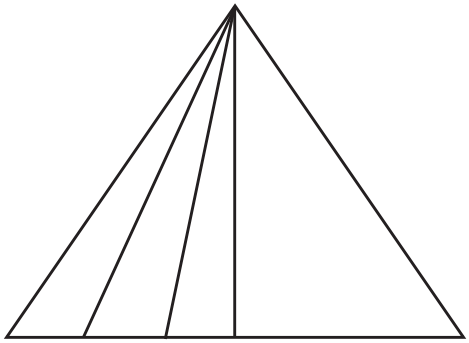
24. In India, The Jnanpith Award is given for excellence in which field ?
    (a) Science
    (b) Sports
    (c) Music
    (d) Literature

25. The first Asian Games began in which year ?
    (a) 1948
    (b) 1950
    (c) 1954
    (d) 1951

SECTION – B

(General Intelligence and Reasoning Ability)

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



(a) 5 (b) 12

(c) 9 (d) 10

27. 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

28. 'Ship' is related to 'Captain' in the same way as 'Newspaper' is related to

(a) Reader (b) Printer

(c) Publisher (d) Editor

Direction (Q. No. 29 to 31) : Select the option that is related to the third term in the same way as the second term is related to the first term.

29. Page : Book : : Leaf : ?

(a) Forest (b) Root

(c) Red (d) Tree

30. Dog : Rabies : : Mosquito : ?

(a) Plague (b) Death

(c) Malaria (d) Sting

31. 9 : 81 : : 12 : ?

(a) 124 (b) 104

(c) 134 (d) 144

Direction (Q. No. 32 and 33) : 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.

32. (a) Car : Road

(b) Ship : Sea

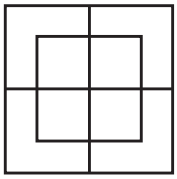
(c) Rocket : Space

(d) Aeroplane : Pilot

33. (a) 55 – 62 (b) 34 – 43

(c) 62 – 71 (d) 83 – 92

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

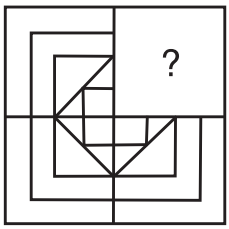


(a) 7 (b) 12

(c) 8 (d) 10

Direction (Q. No. 35 and 36) : Select a suitable figure from the options that would replace the question mark (?).

35.



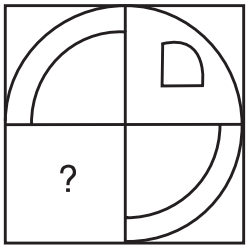
(a) 

(b) 

(c) 

(d) 

36.



(a) 

(b) 

(c) 

(d) 

37. 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

38. 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

39. 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. 40 to 43) : Which number will come in the place of question mark (?) in the following number series ?

40. 3, 7, 23, 95, ?

(a) 479 (b) 575

(c) 128 (d) 162

41. 1, 1, 4, 8, 9, 27, ?

(a) 16 (b) 12 (c) 9 (d) 27

42. 95, 94, 92, 89, 85, 80, ?

(a) 74 (b) 69 (c) 75 (d) 77

43. 4, 12, 36, 108, 324, ?

(a) 520 (b) 680 (c) 475 (d) 972

44. 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 ?

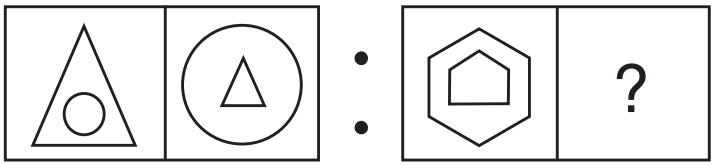
(a) 5 km, West

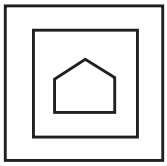
(b) 7 km, West

(c) 7 km, East

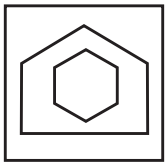
(d) 5 km, North-East

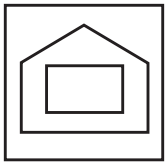
45. Find the figure from the options that will replace the question mark (?).



(a) 

(b) 

(c) 

(d) 

46. 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) 

47. 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

48. 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

49. Read the following information carefully and answer the question given below.

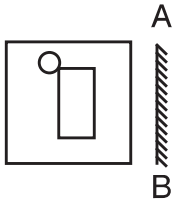
I. 'P × Q' means 'P is the father of Q'.
II. 'P – Q' means 'P is the sister of Q'.
III. 'P + Q' means 'P is the mother of Q'.
IV. 'P ÷ Q' means 'P is the brother of Q'.

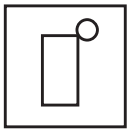
In the expression B + D × M ÷ N, how is M related to B ?

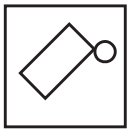
(a) Granddaughter (b) Son

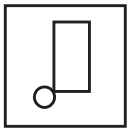
(c) Grandson (d) None of the above

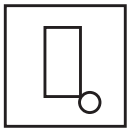
50. Choose the correct mirror image of the given figure if a mirror is placed on the line AB.



(a) 

(b) 

(c) 

(d) 

SECTION – C
(Arithmetical and Numerical Ability)

51. 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

52. If $2x = y - 2x$, then $4y - x =$

(a) 0 (b) $3x$

(c) $10x + 9$ (d) $15x$

53. If $2^x = 1$, then $8^x =$

(a) 1 (b) 8

(c) $\frac{1}{8}$ (d) 0

54. The value of $0.1 \times 0.01 \times 10{,}000$ is

(a) 100 (b) 1

(c) 10 (d) $\frac{1}{10}$

55. The value of $\frac{0.3-0.03}{10}$ is

(a) 2.7 (b) 0.27

(c) 0.027 (d) 27

56. By how much is three-fourth of 80 more than 50 ?

(a) 15 (b) 25

(c) 10 (d) 20

57. The product of two numbers is 19200 and their HCF is 40. Find their LCM.

(a) 240 (b) 480

(c) 960 (d) 192

58. If $\frac{2}{5}x + 3 + \frac{8}{5}x = 3x$, then x =

(a) 0 (b) – 3

(c) 2 (d) 3

59. If $\frac{2}{7}^{th}$ of a number is equal to 36, then half of that number is

(a) 105 (b) 63

(c) 126 (d) 36

60. The LCM of 18, 36 and 108 is

(a) 18 (b) 108

(c) 216 (d) 54

61. The least number which when divided by 6 and 10 leaves the remainder 2 is

(a) 32 (b) 28

(c) 34 (d) 42

62. The HCF of 18 and 81 is

(a) 18 (b) 81

(c) 3 (d) 9

63. 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

64. If x : y = 5 : 4, then $\frac{x+y}{x-y}$ =

(a) $\frac{1}{9}$ (b) $\frac{1}{20}$

(c) 9 (d) 20

65. 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

66. What percent of 250 is 200 ?

(a) 60% (b) 70%

(c) 80% (d) 90%

67. A number when decreased by 20% becomes 160, find the number.

(a) 180 (b) 220

(c) 200 (d) 190

68. The average of first 3 multiples of 12 is

(a) 36 (b) 24

(c) 72 (d) 25

69. 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%

70. 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

71. 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

72. 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

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

(a) $6\frac{1}{2}$ (b) $6\frac{1}{4}$

(c) 6 (d) $6\frac{3}{4}$

Direction (Q. No. 74 and 75) : 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

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

(a) 8700 (b) 8767

(c) 8990 (d) 8920

75. 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)

SECTION – D
(Test of English Language and Comprehension)

Direction (Q. No. 76 and 77) : Fill in the blanks with appropriate words from the alternatives given below them.

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

(a) has seen (b) had seen

(c) saw (d) see

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

(a) would have (b) will have

(c) will (d) was

Direction (Q. No. 78 and 79) : Choose the nearest correct meaning or synonym for the given words from the alternatives given below them.

78. Intolerable

(a) unbearable (b) listless

(c) large (d) decay

79. Invent

(a) doubt (b) discover

(c) fearless (d) critical

Direction (Q. No. 80 and 81) : Choose the most suitable antonym for the given words from the alternatives given below them.

80. Single

(a) desert (b) multiple

(c) resist (d) none of these

81. Urban

(a) risk (b) prosaic

(c) conceal (d) rural

Direction (Q. No. 82 and 83) : Choose the correctly spelt word from the following alternatives.

82. (a) ocasion
(b) occesion
(c) occasion
(d) occagen

83. (a) omited
(b) ommited
(c) ommitted
(d) omitted

Direction (Q. No. 84 and 85) : Choose the alternative which best expresses the meaning of the given idiom.

84. 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

85. Yeoman's service.
(a) excellent work done
(b) to spend time uselessly
(c) bad and good work
(d) under all circumstances

Direction (Q. No. 86 to 88) : Choose one word substitute for the following from the alternatives given below them.

86. A person with a highly developed sense of beauty.
(a) Activist
(b) Aesthete
(c) Phobic
(d) Ascetic

87. The scientific study of plants.
(a) Zoology
(b) Botany
(c) Anatomy
(d) Physiology

88. 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. 89 to 91) : 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).

89. Naveen's father lives <u>on Delhi</u>.

(a) in Delhi (b) at Delhi

(c) inside Delhi (d) No improvement

90. Suma bought four <u>dozen of Mangoes</u>.

(a) Dozen of Mango (b) Dozens of Mangoes

(c) Dozen Mangoes (d) No improvement

91. In the hot afternoon, after a long walk, Krishna rested under the <u>shadow</u> of a tree.

(a) Shelter (b) Shade

(c) Cool (d) No improvement

Direction (Q. No. 92 and 93) : 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.

92. 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.

93. 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. 94 and 95) : 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.

94. 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.

95. Shishir said, 'Sita has a fine picture'.

(a) Shishir said that Sita has a fine picture.
(b) Shishir told that Sita would have a fine picture.
(c) Shishir said that Sita had a fine picture.
(d) Shishir said that Sita have a fine picture.

Directions (Q. No. 96 and 97) : 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.

96. 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

97. 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. 98 and 99) : In each of these questions, the sentences 1, 2, 3 and 4, when properly sequenced, form a coherent paragraph. Choose the most logical order of the sentences from the four given choices so as to form a coherent paragraph.

98. 1. Such a system will help identify and groom executives for positions of strategists.
2. Evaluation of performance is more often than not done for the purpose of reward or punishment or past performance.
3. They must become an integral part of the executive system.
4. Even where the evaluation system is for one's promotion to assume higher responsibilities, it rarely includes terms that are a key for playing the role of strategists effectively, e.g., the skills of playing the role of change agent and creative problem solving.

(a) 4213 (b) 4321
(c) 3421 (d) 2431

99. 1. Participation involves more than the formal sharing of decisions.
2. Through anticipation, individuals or organisations consider trends and make plans, shielding institutions from trauma of learning by shock.
3. Innovative learning involves both anticipation and participation.
4. It is an attitude characterised by co-operation, dialogue and empathy.

(a) 2341 (b) 1234
(c) 3214 (d) 4123

100. 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

Question Booklet Sl. No.

Series
B

CODE : AEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

B

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

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory and each Question carries **2** marks.
7. **There is no negative marking for incorrect answers.**
8. 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

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

B

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

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

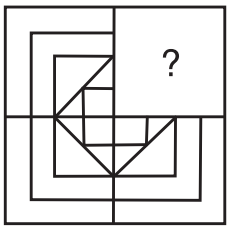
32. In a group of five persons, Kamal is the tallest while Lata is the shortest. Rashmi is shorter than Kamal but taller than Vandana and Prem. Prem is second shortest person in the group. Who is the third tallest ?

(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 (?).

33.



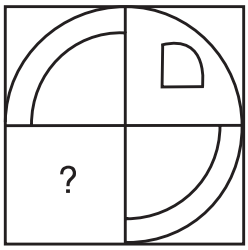
(a) 

(b) 

(c) 

(d) 

34.



(a) 

(b) 

(c) 

(d) 

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 ?

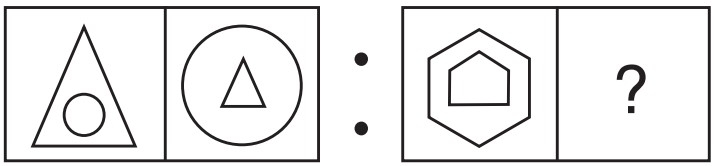
(a) 5 km, West

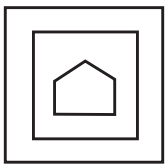
(b) 7 km, West

(c) 7 km, East

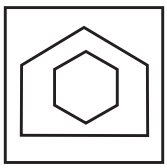
(d) 5 km, North-East

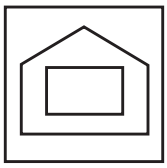
36. Find the figure from the options that will replace the question mark (?).



(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) 

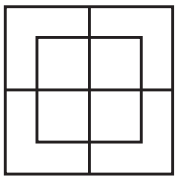
(d) 

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

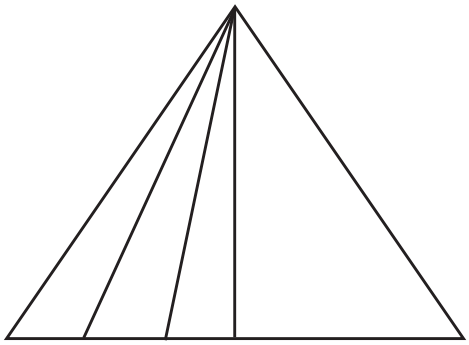
39. (a) 55 – 62
    (b) 34 – 43
    (c) 62 – 71
    (d) 83 – 92

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

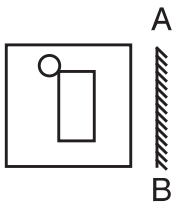
46. Read the following information carefully and answer the question given below.

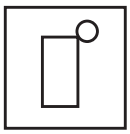
I. 'P × Q' means 'P is the father of Q'.
II. 'P – Q' means 'P is the sister of Q'.
III. 'P + Q' means 'P is the mother of Q'.
IV. 'P ÷ Q' means 'P is the brother of Q'.

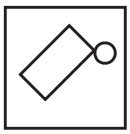
In the expression B + D × M ÷ N, how is M related to B ?

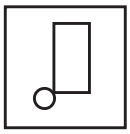
(a) Granddaughter
(b) Son
(c) Grandson
(d) None of the above

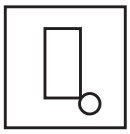
47. Choose the correct mirror image of the given figure if a mirror is placed on the line AB.



(a) 

(b) 

(c) 

(d) 

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 $\frac{2}{3}^{rd}$ of work in 18 days. In how many days can he finish $\frac{1}{4}^{th}$ 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 $\frac{2}{7}^{th}$ 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 <u>on Delhi</u>.

(a) in Delhi (b) at Delhi

(c) inside Delhi (d) No improvement

83. Suma bought four <u>dozen of Mangoes</u>.

(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 <u>shadow</u> 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.

86. Shishir said, 'Sita has a fine picture'.

(a) Shishir said that Sita has a fine picture.

(b) Shishir told that Sita would have a fine picture.

(c) Shishir said that Sita had a fine picture.

(d) Shishir said that Sita have a fine picture.

Direction (Q. No. 87 and 88) : In each of these questions, the sentences 1, 2, 3 and 4, when properly sequenced, form a coherent paragraph. Choose the most logical order of the sentences from the four given choices so as to form a coherent paragraph.

87. 1. Such a system will help identify and groom executives for positions of strategists.

2. Evaluation of performance is more often than not done for the purpose of reward or punishment or past performance.

3. They must become an integral part of the executive system.

4. Even where the evaluation system is for one's promotion to assume higher responsibilities, it rarely includes terms that are a key for playing the role of strategists effectively, e.g., the skills of playing the role of change agent and creative problem solving.

(a) 4213 (b) 4321

(c) 3421 (d) 2431

88. 1. Participation involves more than the formal sharing of decisions.

2. Through anticipation, individuals or organisations consider trends and make plans, shielding institutions from trauma of learning by shock.

3. Innovative learning involves both anticipation and participation.

4. It is an attitude characterised by co-operation, dialogue and empathy.

(a) 2341 (b) 1234

(c) 3214 (d) 4123

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

Question Booklet Sl. No.

Series
C

CODE : AEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

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

C

C

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

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory and each Question carries **2** marks.
7. **There is no negative marking for incorrect answers.**
8. 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

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A
(General Awareness)

1. Athlete's foot is a disease caused by
   (a) Bacteria (b) Virus
   (c) Protozoa (d) Fungus

2. Which planet is also known as the "Evening Star" ?
   (a) Mars (b) Venus
   (c) Jupiter (d) None of the above

3. 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

4. The First Round Table Conference was held in which year ?
   (a) 1928 (b) 1929
   (c) 1930 (d) None of the above

5. 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

6. The State Bird of Arunachal Pradesh is
   (a) Great Hornbill (b) Indian Myna
   (c) Indian Peafowl (d) Himalayan Monal

7. 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

8. 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

9. 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

10. 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

11. 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

12. Radioactivity was discovered by

(a) Marie Curie
(b) Ernest Rutherford
(c) Henri Becquerel
(d) J. J. Thomson

13. Who is the founder of Homeopathy ?

(a) Hippocrates
(b) Samuel Hahnemann
(c) Edward Jenner
(d) Louis Pasteur

14. In India, The Jnanpith Award is given for excellence in which field ?

(a) Science
(b) Sports
(c) Music
(d) Literature

15. The first Asian Games began in which year ?

(a) 1948
(b) 1950
(c) 1954
(d) 1951

16. 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

17. 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

18. The National Bank for Agriculture and Rural Development (NABARD) was established in which year ?

(a) 1975
(b) 1980
(c) 1982
(d) 1991

19. 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

20. Which of the following acids is mainly present in Apple ?

(a) Citric acid
(b) Tartaric acid
(c) Oxalic acid
(d) Malic acid

21. Who founded the Khilji dynasty ?

(a) Alauddin Khilji
(b) Jalal-ud-din Khilji
(c) Qutb-ud-din Aibak
(d) Ghiyasuddin Tughlaq

22. The headquarters of the Eastern Command of the Indian Army is located at

(a) Chennai
(b) Kolkata
(c) Lucknow
(d) Jaipur

23. The Central Forest Research Institute of India is located at

(a) Dehradun
(b) Bhopal
(c) Shimla
(d) Lucknow

24. 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

25. 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

SECTION – B

(General Intelligence and Reasoning Ability)

Direction (Q. No. 26 and 27) : 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.

26. (a) Car : Road

(b) Ship : Sea

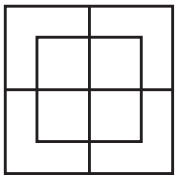
(c) Rocket : Space

(d) Aeroplane : Pilot

27. (a) 55 – 62 (b) 34 – 43

(c) 62 – 71 (d) 83 – 92

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



(a) 7 (b) 12

(c) 8 (d) 10

Direction (Q. No. 29 to 32) : Which number will come in the place of question mark (?) in the following number series ?

29. 3, 7, 23, 95, ?

(a) 479 (b) 575

(c) 128 (d) 162

30. 1, 1, 4, 8, 9, 27, ?

(a) 16 (b) 12 (c) 9 (d) 27

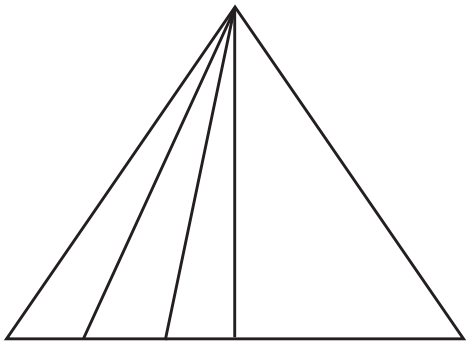
31. 95, 94, 92, 89, 85, 80, ?

(a) 74 (b) 69 (c) 75 (d) 77

32. 4, 12, 36, 108, 324, ?

(a) 520 (b) 680 (c) 475 (d) 972

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



(a) 5 (b) 12

(c) 9 (d) 10

34. 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

35. 'Ship' is related to 'Captain' in the same way as 'Newspaper' is related to

(a) Reader (b) Printer

(c) Publisher (d) Editor

36. 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

37. 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

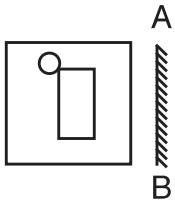
38. Read the following information carefully and answer the question given below.

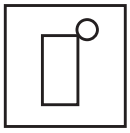
I. 'P × Q' means 'P is the father of Q'.
II. 'P – Q' means 'P is the sister of Q'.
III. 'P + Q' means 'P is the mother of Q'.
IV. 'P ÷ Q' means 'P is the brother of Q'.

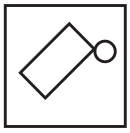
In the expression B + D × M ÷ N, how is M related to B ?

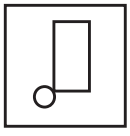
(a) Granddaughter (b) Son
(c) Grandson (d) None of the above

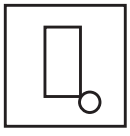
39. Choose the correct mirror image of the given figure if a mirror is placed on the line AB.



(a) 

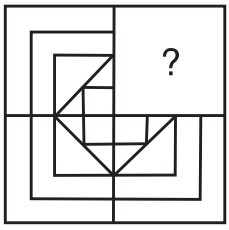
(b) 

(c) 

(d) 

Direction (Q. No. 40 and 41) : Select a suitable figure from the options that would replace the question mark (?).

40.



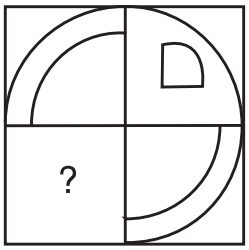
(a) 

(b) 

(c) 

(d) 

41.



(a) 

(b) 

(c) 

(d) 

42. 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 ?

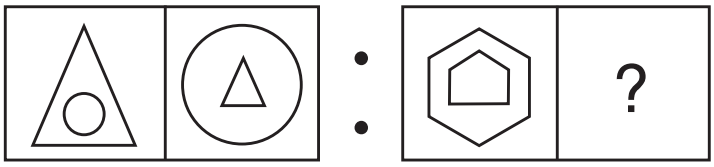
(a) 5 km, West

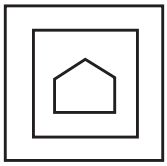
(b) 7 km, West

(c) 7 km, East

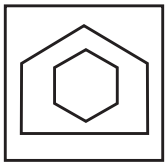
(d) 5 km, North-East

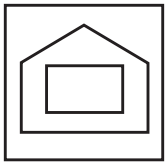
43. Find the figure from the options that will replace the question mark (?).



(a) 

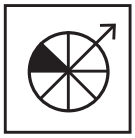
(b) 

(c) 

(d) 

44. 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. 45 to 47) : Select the option that is related to the third term in the same way as the second term is related to the first term.

45. Page : Book : : Leaf : ?

(a) Forest (b) Root

(c) Red (d) Tree

46. Dog : Rabies : : Mosquito : ?

(a) Plague (b) Death

(c) Malaria (d) Sting

47. 9 : 81 : : 12 : ?

(a) 124 (b) 104

(c) 134 (d) 144

48. 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

49. 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

50. 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

SECTION – C
(Arithmetical and Numerical Ability)

51. The least number which when divided by 6 and 10 leaves the remainder 2 is

(a) 32 (b) 28

(c) 34 (d) 42

52. The HCF of 18 and 81 is

(a) 18 (b) 81

(c) 3 (d) 9

53. 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

54. If x : y = 5 : 4, then $\frac{x+y}{x-y}$ =

(a) $\frac{1}{9}$ (b) $\frac{1}{20}$

(c) 9 (d) 20

55. 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

56. 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

57. If $2x = y - 2x$, then $4y - x =$

(a) 0 (b) 3x

(c) 10x + 9 (d) 15x

58. If $2^x = 1$, then $8^x =$

(a) 1 (b) 8

(c) $\frac{1}{8}$ (d) 0

59. The value of $0.1 \times 0.01 \times 10{,}000$ is

(a) 100 (b) 1

(c) 10 (d) $\frac{1}{10}$

60. The value of $\frac{0.3-0.03}{10}$ is

(a) 2.7 (b) 0.27

(c) 0.027 (d) 27

61. 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

62. 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

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

(a) $6\frac{1}{2}$ (b) $6\frac{1}{4}$

(c) 6 (d) $6\frac{3}{4}$

Direction (Q. No. 64 and 65) : 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

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

(a) 8700 (b) 8767

(c) 8990 (d) 8920

65. 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)

66. By how much is three-fourth of 80 more than 50 ?

(a) 15 (b) 25

(c) 10 (d) 20

67. The product of two numbers is 19200 and their HCF is 40. Find their LCM.

(a) 240 (b) 480

(c) 960 (d) 192

68. If $\frac{2}{5}x + 3 + \frac{8}{5}x = 3x$, then x =

(a) 0 (b) – 3

(c) 2 (d) 3

69. If $\frac{2}{7}^{th}$ of a number is equal to 36, then half of that number is

(a) 105 (b) 63

(c) 126 (d) 36

70. The LCM of 18, 36 and 108 is

(a) 18 (b) 108

(c) 216 (d) 54

71. What percent of 250 is 200 ?

(a) 60% (b) 70%

(c) 80% (d) 90%

72. A number when decreased by 20% becomes 160, find the number.

(a) 180 (b) 220

(c) 200 (d) 190

73. The average of first 3 multiples of 12 is

(a) 36 (b) 24

(c) 72 (d) 25

74. 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%

75. 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

SECTION – D

(Test of English Language and Comprehension)

Direction (Q. No. 76 to 78) : 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).

76. Naveen's father lives <u>on Delhi</u>.

(a) in Delhi
(b) at Delhi
(c) inside Delhi
(d) No improvement

77. Suma bought four <u>dozen of Mangoes</u>.

(a) Dozen of Mango
(b) Dozens of Mangoes
(c) Dozen Mangoes
(d) No improvement

78. In the hot afternoon, after a long walk, Krishna rested under the <u>shadow</u> of a tree.

(a) Shelter
(b) Shade
(c) Cool
(d) No improvement

Direction (Q. No. 79 and 80) : Choose the correctly spelt word from the following alternatives.

79. (a) ocasion
(b) occesion
(c) occasion
(d) occagen

80. (a) omited
(b) ommited
(c) ommitted
(d) omitted

Direction (Q. No. 81 and 82) : In each of these questions, the sentences 1, 2, 3 and 4, when properly sequenced, form a coherent paragraph. Choose the most logical order of the sentences from the four given choices so as to form a coherent paragraph.

81. 1. Such a system will help identify and groom executives for positions of strategists.
2. Evaluation of performance is more often than not done for the purpose of reward or punishment or past performance.
3. They must become an integral part of the executive system.
4. Even where the evaluation system is for one's promotion to assume higher responsibilities, it rarely includes terms that are a key for playing the role of strategists effectively, e.g., the skills of playing the role of change agent and creative problem solving.

(a) 4213 (b) 4321
(c) 3421 (d) 2431

82. 1. Participation involves more than the formal sharing of decisions.
2. Through anticipation, individuals or organisations consider trends and make plans, shielding institutions from trauma of learning by shock.
3. Innovative learning involves both anticipation and participation.
4. It is an attitude characterised by co-operation, dialogue and empathy.

(a) 2341 (b) 1234
(c) 3214 (d) 4123

83. 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. 84 to 86) : Choose one word substitute for the following from the alternatives given below them.

84. A person with a highly developed sense of beauty.
(a) Activist
(b) Aesthete
(c) Phobic
(d) Ascetic

85. The scientific study of plants.
(a) Zoology
(b) Botany
(c) Anatomy
(d) Physiology

86. 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. 87 and 88) : Fill in the blanks with appropriate words from the alternatives given below them.

87. He _____ many foreign cities before he returned to India.
(a) has seen
(b) had seen
(c) saw
(d) see

88. Had she been working regularly, she _____ completed the project yesterday.
(a) would have
(b) will have
(c) will
(d) was

Direction (Q. No. 89 and 90) : 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.

89. 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.

90. 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. 91 and 92) : Choose the most suitable antonym for the given words from the alternatives given below them.

91. Single

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

92. Urban

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

Directions (Q. No. 93 and 94) : 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.

93. 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

94. 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. 95 and 96) : Choose the nearest correct meaning or synonym for the given words from the alternatives given below them.

95. Intolerable
(a) unbearable (b) listless
(c) large (d) decay

96. Invent
(a) doubt (b) discover
(c) fearless (d) critical

Direction (Q. No. 97 and 98) : 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.

97. 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.

98. Shishir said, 'Sita has a fine picture'.
(a) Shishir said that Sita has a fine picture.
(b) Shishir told that Sita would have a fine picture.
(c) Shishir said that Sita had a fine picture.
(d) Shishir said that Sita have a fine picture.

Direction (Q. No. 99 and 100) : Choose the alternative which best expresses the meaning of the given idiom.

99. 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

100. Yeoman's service.
(a) excellent work done (b) to spend time uselessly
(c) bad and good work (d) under all circumstances

Question Booklet Sl. No.

Series
D

CODE : AEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

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

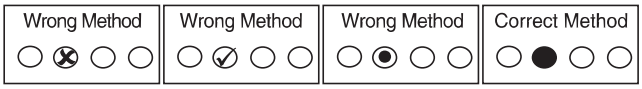
Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory and each Question carries **2** marks.
7. **There is no negative marking for incorrect answers.**
8. 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

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

D

D

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A
(General Awareness)

1. 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

2. 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

3. The National Bank for Agriculture and Rural Development (NABARD) was established in which year ?

   (a) 1975
   (b) 1980
   (c) 1982
   (d) 1991

4. 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

5. Which of the following acids is mainly present in Apple ?

   (a) Citric acid
   (b) Tartaric acid
   (c) Oxalic acid
   (d) Malic acid

6. 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

7. Radioactivity was discovered by

(a) Marie Curie
(b) Ernest Rutherford
(c) Henri Becquerel
(d) J. J. Thomson

8. Who is the founder of Homeopathy ?

(a) Hippocrates
(b) Samuel Hahnemann
(c) Edward Jenner
(d) Louis Pasteur

9. In India, The Jnanpith Award is given for excellence in which field ?

(a) Science
(b) Sports
(c) Music
(d) Literature

10. The first Asian Games began in which year ?

(a) 1948
(b) 1950
(c) 1954
(d) 1951

11. Who founded the Khilji dynasty ?

(a) Alauddin Khilji
(b) Jalal-ud-din Khilji
(c) Qutb-ud-din Aibak
(d) Ghiyasuddin Tughlaq

12. The headquarters of the Eastern Command of the Indian Army is located at

(a) Chennai
(b) Kolkata
(c) Lucknow
(d) Jaipur

13. The Central Forest Research Institute of India is located at

(a) Dehradun
(b) Bhopal
(c) Shimla
(d) Lucknow

14. 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

15. 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

16. The State Bird of Arunachal Pradesh is
    (a) Great Hornbill (b) Indian Myna
    (c) Indian Peafowl (d) Himalayan Monal

17. 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

18. 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

19. 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

20. 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

21. Athlete's foot is a disease caused by

(a) Bacteria
(b) Virus
(c) Protozoa
(d) Fungus

22. Which planet is also known as the "Evening Star" ?

(a) Mars
(b) Venus
(c) Jupiter
(d) None of the above

23. 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

24. The First Round Table Conference was held in which year ?

(a) 1928
(b) 1929
(c) 1930
(d) None of the above

25. 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

SECTION – B
(General Intelligence and Reasoning Ability)

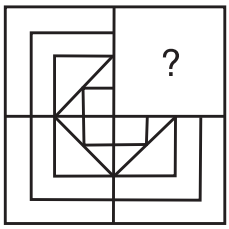
Direction (Q. No. 26 to 28) : Select the option that is related to the third term in the same way as the second term is related to the first term.

26. Page : Book : : Leaf : ?
    (a) Forest
    (b) Root
    (c) Red
    (d) Tree

27. Dog : Rabies : : Mosquito : ?
    (a) Plague
    (b) Death
    (c) Malaria
    (d) Sting

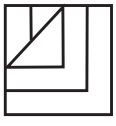
28. 9 : 81 : : 12 : ?
    (a) 124
    (b) 104
    (c) 134
    (d) 144

Direction (Q. No. 29 and 30) : Select a suitable figure from the options that would replace the question mark (?).

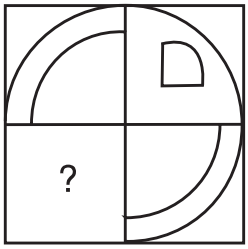
29. 

(a) 

(b) 

(c) 

(d) 

30. 

(a) 

(b) 

(c) 

(d) 

31. 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

32. 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

33. 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'.

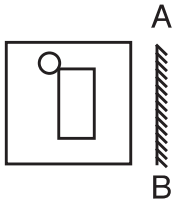
IV. 'P ÷ Q' means 'P is the brother of Q'.

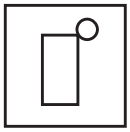
In the expression B + D × M ÷ N, how is M related to B ?

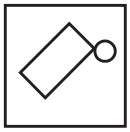
(a) Granddaughter (b) Son

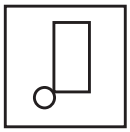
(c) Grandson (d) None of the above

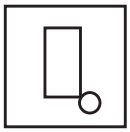
34. Choose the correct mirror image of the given figure if a mirror is placed on the line AB.



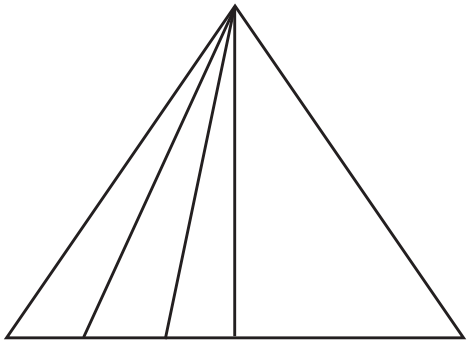
(a) 

(b) 

(c) 

(d) 

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



(a) 5 (b) 12

(c) 9 (d) 10

36. 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

37. 'Ship' is related to 'Captain' in the same way as 'Newspaper' is related to

(a) Reader
(b) Printer
(c) Publisher
(d) Editor

Direction (Q. No. 38 to 41) : Which number will come in the place of question mark (?) in the following number series ?

38. 3, 7, 23, 95, ?

(a) 479
(b) 575
(c) 128
(d) 162

39. 1, 1, 4, 8, 9, 27, ?

(a) 16
(b) 12
(c) 9
(d) 27

40. 95, 94, 92, 89, 85, 80, ?

(a) 74
(b) 69
(c) 75
(d) 77

41. 4, 12, 36, 108, 324, ?

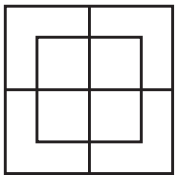
(a) 520
(b) 680
(c) 475
(d) 972

Direction (Q. No. 42 and 43) : 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.

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

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

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



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

45. 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

46. 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

47. 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

48. 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 ?

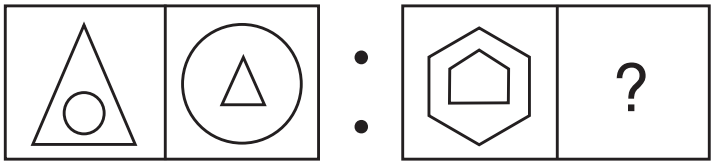
(a) 5 km, West

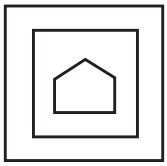
(b) 7 km, West

(c) 7 km, East

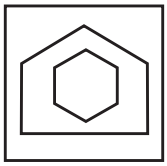
(d) 5 km, North-East

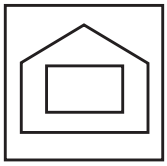
49. Find the figure from the options that will replace the question mark (?).



(a) 

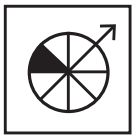
(b) 

(c) 

(d) 

50. 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) 

SECTION – C
(Arithmetical and Numerical Ability)

51. By how much is three-fourth of 80 more than 50 ?
(a) 15 (b) 25
(c) 10 (d) 20

52. The product of two numbers is 19200 and their HCF is 40. Find their LCM.
(a) 240 (b) 480
(c) 960 (d) 192

53. If $\frac{2}{5}x + 3 + \frac{8}{5}x = 3x$, then x =
(a) 0 (b) – 3
(c) 2 (d) 3

54. If $\frac{2}{7}^{th}$ of a number is equal to 36, then half of that number is
(a) 105 (b) 63
(c) 126 (d) 36

55. The LCM of 18, 36 and 108 is
(a) 18 (b) 108
(c) 216 (d) 54

56. 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

57. 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

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

(a) $6\frac{1}{2}$ (b) $6\frac{1}{4}$

(c) 6 (d) $6\frac{3}{4}$

Direction (Q. No. 59 and 60) : 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

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

(a) 8700 (b) 8767

(c) 8990 (d) 8920

60. 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)

61. What percent of 250 is 200 ?

(a) 60% (b) 70%

(c) 80% (d) 90%

62. A number when decreased by 20% becomes 160, find the number.

(a) 180 (b) 220

(c) 200 (d) 190

63. The average of first 3 multiples of 12 is

(a) 36 (b) 24

(c) 72 (d) 25

64. 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%

65. 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

66. 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

67. If $2x = y - 2x$, then $4y - x =$

(a) 0 (b) 3x

(c) $10x + 9$ (d) 15x

68. If $2^x = 1$, then $8^x =$

(a) 1 (b) 8

(c) $\frac{1}{8}$ (d) 0

69. The value of $0.1 \times 0.01 \times 10{,}000$ is

(a) 100 (b) 1

(c) 10 (d) $\frac{1}{10}$

70. The value of $\frac{0.3-0.03}{10}$ is

(a) 2.7 (b) 0.27

(c) 0.027 (d) 27

71. The least number which when divided by 6 and 10 leaves the remainder 2 is

(a) 32 (b) 28

(c) 34 (d) 42

72. The HCF of 18 and 81 is

(a) 18 (b) 81

(c) 3 (d) 9

73. 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

74. If x : y = 5 : 4, then $\frac{x+y}{x-y} =$

(a) $\frac{1}{9}$ (b) $\frac{1}{20}$

(c) 9 (d) 20

75. 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

SECTION – D
(Test of English Language and Comprehension)

Direction (Q. No. 76 and 77) : Choose the alternative which best expresses the meaning of the given idiom.

76. 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

77. Yeoman's service.

(a) excellent work done

(b) to spend time uselessly

(c) bad and good work

(d) under all circumstances

Direction (Q. No. 78 and 79) : In each of these questions, the sentences 1, 2, 3 and 4, when properly sequenced, form a coherent paragraph. Choose the most logical order of the sentences from the four given choices so as to form a coherent paragraph.

78. 1. Such a system will help identify and groom executives for positions of strategists.

2. Evaluation of performance is more often than not done for the purpose of reward or punishment or past performance.

3. They must become an integral part of the executive system.

4. Even where the evaluation system is for one's promotion to assume higher responsibilities, it rarely includes terms that are a key for playing the role of strategists effectively, e.g., the skills of playing the role of change agent and creative problem solving.

(a) 4213 (b) 4321

(c) 3421 (d) 2431

79. 1. Participation involves more than the formal sharing of decisions.
2. Through anticipation, individuals or organisations consider trends and make plans, shielding institutions from trauma of learning by shock.
3. Innovative learning involves both anticipation and participation.
4. It is an attitude characterised by co-operation, dialogue and empathy.

(a) 2341 (b) 1234
(c) 3214 (d) 4123

80. 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. 81 and 82) : Fill in the blanks with appropriate words from the alternatives given below them.

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

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

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

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

Directions (Q. No. 83 and 84) : 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.

83. 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

84. 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. 85 to 87) : 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).

85. Naveen's father lives <u>on Delhi</u>.

(a) in Delhi (b) at Delhi

(c) inside Delhi (d) No improvement

86. Suma bought four <u>dozen of Mangoes</u>.

(a) Dozen of Mango (b) Dozens of Mangoes

(c) Dozen Mangoes (d) No improvement

87. In the hot afternoon, after a long walk, Krishna rested under the <u>shadow</u> of a tree.

(a) Shelter (b) Shade

(c) Cool (d) No improvement

Direction (Q. No. 88 and 89) : Choose the correctly spelt word from the following alternatives.

88. (a) ocasion (b) occesion

(c) occasion (d) occagen

89. (a) omited (b) ommited

(c) ommitted (d) omitted

Direction (Q. No. 90 and 91) : 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.

90. 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.

91. Shishir said, 'Sita has a fine picture'.

(a) Shishir said that Sita has a fine picture.
(b) Shishir told that Sita would have a fine picture.
(c) Shishir said that Sita had a fine picture.
(d) Shishir said that Sita have a fine picture.

Direction (Q. No. 92 and 93) : Choose the most suitable antonym for the given words from the alternatives given below them.

92. Single

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

93. Urban

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

Direction (Q. No. 94 to 96) : Choose one word substitute for the following from the alternatives given below them.

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

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

95. The scientific study of plants.

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

96. 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. 97 and 98) : Choose the nearest correct meaning or synonym for the given words from the alternatives given below them.

97. Intolerable

(a) unbearable (b) listless

(c) large (d) decay

98. Invent

(a) doubt (b) discover

(c) fearless (d) critical

Direction (Q. No. 99 and 100) : 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.

99. 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.

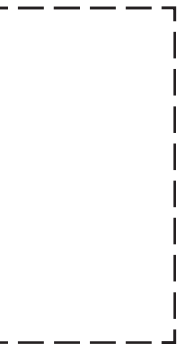
(c) That investment has been making a good deal of money.

(d) That investment will make a good deal of money.

100. 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.





A

Question Booklet Sl. No.

Series
A

CODE : BEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

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

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory. Q. No. **1** to **40** carry **2.5** marks **each** and Q. No. **41** to **90** carry **2** marks **each**.
7. **There is no negative marking for incorrect answers.**
8. This Booklet contains 90 questions. Candidates must note that there will be 5 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General Awareness	1-10	5 – 6
B	General Intelligence and Reasoning Ability	11-20	7 – 9
C	Arithmetical and Numerical Ability	21-30	10 – 11
D	Test of English Language and Comprehension	31-40	12 – 13
E	Technical Paper	41-90	14 – 23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

A

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A

(General Awareness)

1. Arunachal Pradesh became a full-fledged State of India in which year ?
   (a) 1972 (b) 1985
   (c) 1987 (d) 1991

2. Which feature of the Indian Constitution was adopted from the United Kingdom ?
   (a) Federal system
   (b) Judicial review
   (c) Single citizenship
   (d) Written constitution

3. The Second Five-Year Plan (1956–1961) of India was based on whose model ?
   (a) P. C. Mahalanobis
   (b) Jawaharlal Nehru
   (c) Dr. B. R. Ambedkar
   (d) None of the above

4. Water moves from the soil into root hair cells mainly by which process ?
   (a) Transpiration
   (b) Active transport
   (c) Osmosis
   (d) None of the above

5. Which is the biggest planet in our solar system ?
   (a) Earth
   (b) Mars
   (c) Saturn
   (d) Jupiter

6. Who was the Chairman of the Drafting Committee of the Indian Constitution ?
   (a) Dr. B. R. Ambedkar
   (b) Dr. Rajendra Prasad
   (c) Pt. Jawaharlal Nehru
   (d) Sardar Vallabhbhai Patel

7. A Lunar Eclipse occurs when
   (a) The Moon comes between the Sun and Earth
   (b) The Sun comes between the Earth and Moon
   (c) The Earth comes between the Sun and Moon
   (d) The Moon moves away from the Earth

8. The Fourth Schedule of the Constitution of India deals with
   (a) Distribution of legislative powers
   (b) Forms of oath and affirmation
   (c) Allocation of seats to States and Union Territories in the Rajya Sabha
   (d) None of the above

9. Who wrote the book 'Poverty and Un-British Rule in India' ?
   (a) Dadabhai Naoroji
   (b) Bal Gangadhar Tilak
   (c) Gopal Krishna Gokhale
   (d) Lala Lajpat Rai

10. The famous Eden Gardens Cricket Stadium is located in which city of India ?
   (a) Mumbai
   (b) Chennai
   (c) Kolkata
   (d) Delhi

SECTION – B

(General Intelligence and Reasoning Ability)

11. A particular relationship is given and another similar relationship has to be identified from the alternatives provided.

India : New Delhi :: France : _____

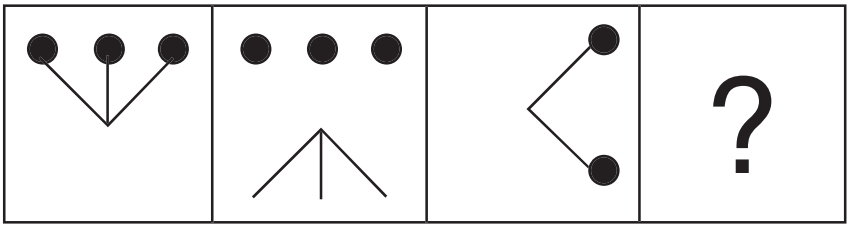
(a) Cairo
(b) London
(c) Tokiyo
(d) Paris

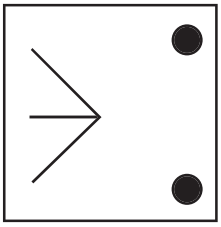
12. In the following question you have to select the option which has same relation as the pair of words in the question.

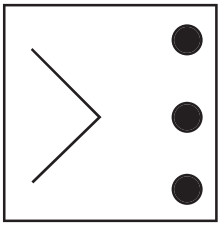
Water : Drink

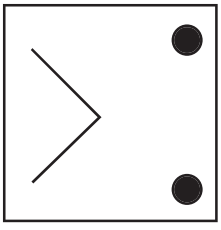
(a) Light : Night
(b) Teach : Student
(c) Air : Breathe
(d) Food : Hunger

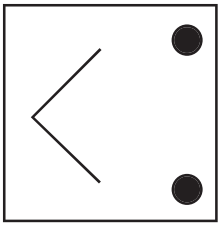
13. Select a suitable figure from the options that would replace the question mark (?).



(a) 

(b) 

(c) 

(d) 

14. Vinay is taller than Hansika, Hansika is taller than Abhay, Aalok is taller than Ashok and Ashok is taller than Vinay. Who is the shortest in the group ?

(a) Aalok
(b) Ashok
(c) Hansika
(d) Abhay

15. A girl is going towards West, then she turned left, then turned 90° in clockwise direction. In which direction is she going now ?

(a) West (b) East

(c) North (d) None of these

16. In class of 45 students rank of Ayush is 15^{th} from top, then rank of Ayush from bottom is

(a) 30 (b) 32

(c) 31 (d) 35

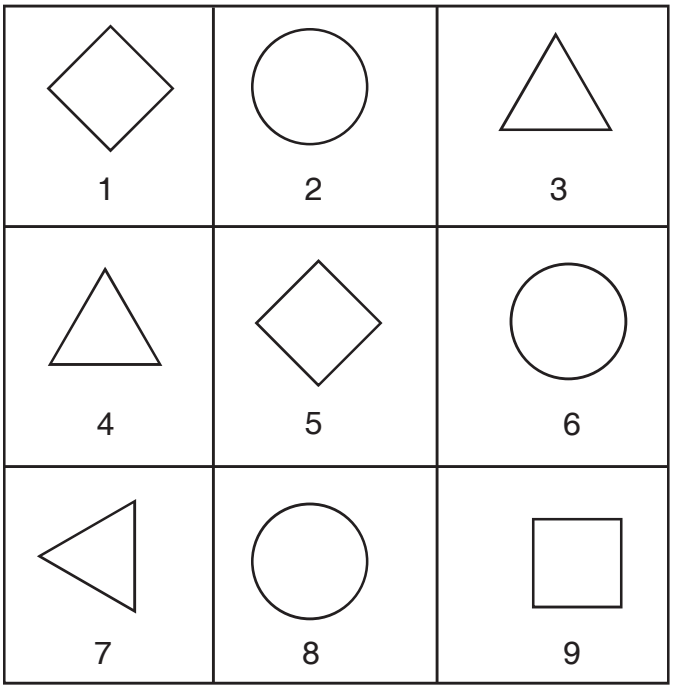
17. Choose a number which bears the same relationship with the third/four number as the first two bear.

3 : 27

(a) 2 : 8 (b) 3 : 9

(c) 5 : 120 (d) None of the above

18. Group the given figures into different classes on the basis of their orientations, shapes.



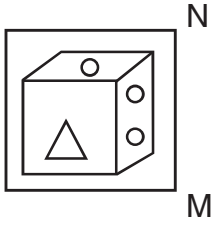
(a) (1, 5, 9), (2, 4, 7), (3, 6, 8) (b) (2, 6, 8), (1, 5, 9), (3, 4, 7)

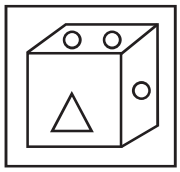
(c) (4, 3, 7), (2, 6, 9), (1, 5, 8) (d) (1, 2, 3), (4, 5, 6), (7, 8, 9)

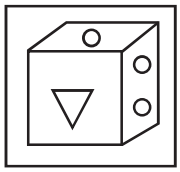
19. 'A + B' means that A is the father of B, 'A – B' means that A is the wife of B, 'A × B' means that A is the brother of B, 'A ÷ B' means that A is the mother of B and 'A = B' means that A is the sister of B. On the basis of this information, what does 'P + Q – R' means ?

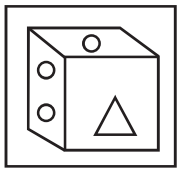
(a) P is the father-in-law of R
(b) P is the son of R
(c) P is the uncle of R
(d) P is the brother of R

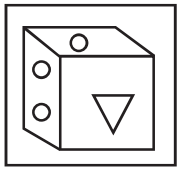
20. Choose the correct mirror image of the given figure, if a mirror is placed on the line MN.



(a) 

(b) 

(c) 

(d) 

SECTION – C
(Arithmetical and Numerical Ability)

21. The value of $\sqrt[3]{64}$ is

(a) 4 (b) 2

(c) 8 (d) 6

22. There are 2 dozens of pencils in a box. If there are 10 such boxes, the total number of pencils in 10 boxes is

(a) 20 (b) 100

(c) 240 (d) 120

23. LCM of 18 and 20 is

(a) 180 (b) 90

(c) 120 (d) 160

24. The ratio of boys to girls in a class is 3 : 4. If there are 18 boys in the class then the number of girls is

(a) 16 (b) 20

(c) 24 (d) 28

25. 40% of 1000 is

(a) 800 (b) 40

(c) 400 (d) 80

26. If average age of six boys in a family is 10 years then the sum of their ages is

(a) 60 years (b) 16 years

(c) 6 years (d) 10 years

27. If an article is sold for Rs. 36 after a discount of 64% on its marked price then its marked price should be

(a) Rs. 100

(b) Rs. 80

(c) Rs. 94

(d) Rs. 98

28. If volume of a cube is 27 cm^3 then the length of each side of the cube is

(a) 3 cm

(b) 9 cm

(c) 6 cm

(d) 2.5 cm

29. If A can complete a job in 4 days and B can complete the same job in 6 days then A and B together can complete the same job in how many days ?

(a) $\frac{12}{7}$ days

(b) $\frac{12}{5}$ days

(c) $\frac{11}{5}$ days

(d) $\frac{13}{5}$ days

30. The value of $9^2 - 7^2$ is

(a) 32

(b) 23

(c) 17

(d) 22

SECTION – D
(Test of English Language and Comprehension)

Direction (Q. No. 31 and 32) : Choose the most suitable antonym of the given word.

31. Simple

(a) Complex (b) Smooth

(c) Calm (d) Rural

32. Illuminate

(a) Darken (b) Cover

(c) Hinder (d) Prospect

33. Choose the correct meaning of the given idiom.

Stick by someone

(a) to pass by (b) to stand by someone

(c) to paste (d) none of the above

Direction (Q. No. 34 and 35) : Give one word substitute for the following from the alternatives given below them.

34. A large group of stars

(a) galaxy (b) sky

(c) radiation (d) core

35. A building in which motor vehicles can be kept

(a) igloo (b) garage

(c) glacier (d) grange

36. In the following question, 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, mark your answer as (d).

Myself Rajesh Kumar

(a) Myselves (b) Myself is

(c) I am (d) No improvement

37. In the following question, a sentence has been given in active voice. Out of the four alternatives suggested, select the one that best expresses the same sentence in passive voice and select your answer accordingly.

I can teach Naveen

(a) Naveen can taught by me
(b) Naveen could be taught by me
(c) Naveen can be teach by me
(d) Naveen can be taught by me

Direction (Q. No. 38 and 39) : Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect/direct speech.

38. Anoop said, "How can a Zebra talk ?"
(a) Anoop wondered how a Zebra talks
(b) Anoop questioned a Zebra talking
(c) Anoop asked how a Zebra could talk
(d) Anoop was amazed how a Zebra can talk

39. Vinod said to me, "Has your brother returned from Delhi ?"
(a) Vinod said to me if my brother has returned from Delhi
(b) Vinod asked me if my brother had returned from Delhi
(c) Vinod enquire to me if my brother had returned from Delhi
(d) Vinod asks me whether my brother had returned from Delhi

40. Fill in the blank with appropriate word.

Everyone wants to burn _____. Ask any person who spends time sweating it out in a gym or on the field and he will tell you that fat is out.

(a) Petrol (b) Gas
(c) Fat (d) Oil

SECTION – E

(Technical Paper)

41. What does the “Horn Prohibited” sign instruct drivers to do ?

(a) Use horn only at night

(b) Use horn near hospitals

(c) Respect the silence zone and not use horn

(d) Honk continuously

42. The traffic signal indicated on the road consists of how many colours ?

(a) Three (b) Two

(c) Four (d) Five

43. A learner’s license is valid for a period of

(a) 3 months

(b) 2 years

(c) 1 year

(d) 6 months

44. How will the duplicate licence be marked when issued ?

(a) Copy (b) Temporary

(c) Second licence (d) Duplicate

45. What is the purpose of the “GIVE WAY” sign ?

(a) To indicate road construction

(b) To assign right-of-way to traffic

(c) To allow parking

(d) None of the above

46. Where should the ONE WAY sign be located ?
    (a) At the end of the street
    (b) At bus stops
    (c) At parking areas
    (d) At the entry to the one-way street

47. According to the speed limit sign, what should a driver always remember ?
    (a) To drive faster than others
    (b) The limit specified must be followed to avoid penal action
    (c) To ignore traffic lights
    (d) To use the horn at turns

48. The “Pedestrians only” sign means
    (a) Vehicles are allowed with pedestrians
    (b) Only buses are allowed
    (c) Only bicycles are allowed
    (d) Only pedestrians are allowed and traffic is not allowed

49. If a vehicle has yellow fog lights, drivers should
    (a) Use them in fog
    (b) Avoid using them
    (c) Use them only at night
    (d) None of the above

50. Yellow fog lights should be used at
    (a) Blind corners
    (b) Straight roads
    (c) Parking areas
    (d) Toll gates

51. At night drivers should keep a constant eye out for
    (a) Roadside pedestrians, cyclists or cars
    (b) Zebra crossing
    (c) Buildings near the road
    (d) Parking areas

52. If you see a flashing of brake light or see a weave on the road, you should
    (a) Increase speed
    (b) Ignore it
    (c) Slow down
    (d) Change lane immediately

53. Pavement markings are used to
    (a) Decorate the road surface
    (b) Delineate the centre of the road, identify travel lanes and define road edges
    (c) Advertise products
    (d) Indicate parking fees

54. White/yellow lines generally separate
    (a) Stop line
    (b) Pedestrian crossings
    (c) Parking spaces
    (d) Traffic moving in opposite directions

55. White lines on highways are used to
    (a) Divide lanes of traffic moving in the same direction
    (b) Show pedestrian crossings only
    (c) Indicate road edges only
    (d) None of the above

56. Under which Section of the Motor Vehicles Act,1988 is driving under the influence of alcohol or drugs punishable ?

(a) Section 177
(b) Section 129
(c) Section 194
(d) Section 185

57. Driving becomes more dangerous when the driver is not

(a) Mechanically skilled
(b) At his physical and mental best
(c) Using a modern vehicle
(d) Wearing protective gear

58. All traffic must keep at which direction ?

(a) Follow only traffic signals
(b) Keep to the left
(c) Drive in the middle of the road
(d) None of the above

59. A driver must produce his/her driving licence

(a) Only when renewing registration
(b) Only when buying fuel
(c) On demand for examination by a Police Officer in uniform
(d) None of the above

60. Vehicles displaying “L” plates are

(a) Driven by professional drivers
(b) Used only for heavy vehicles
(c) Reserved for emergency vehicles
(d) Driven by learners and inexperienced drivers

61. If a fire service vehicle, ambulance or police car with siren is approaching, you must

(a) Stop in the middle of the road
(b) Ignore the siren
(c) Slow down to block the way
(d) Allow them free passage by driving to the side

62. When it rains, drivers should
    (a) Drive faster to clear traffic
    (b) Drive slowly, keep longer distance between the vehicle in front and give way to pedestrians
    (c) Ignore pedestrians and maintain speed of the road
    (d) None of the above

63. On winding hill roads during rain, drivers should
    (a) Stay close to the outside edge
    (b) Avoid getting too close to the outside edge due to landslide risk
    (c) Drive faster to avoid landslides
    (d) Stop immediately on the edge

64. If the inside glass fogs up, drivers should
    (a) Ignore it and continue driving
    (b) Clean with dry cloth, open side window and use heater if available
    (c) Splash water on the glass
    (d) None of the above

65. No rider should enter a road without
    (a) Gloves
    (b) Boots
    (c) A jacket
    (d) A helmet

66. Who else must wear a helmet besides the rider ?
    (a) Only children
    (b) Only professional drivers
    (c) The pillion rider
    (d) No one else

67. A helmet should meet
    (a) International Driving Standards
    (b) ISI (Indian Standards Institute) requirements
    (c) Traffic police approval only
    (d) Manufacturer's warranty

68. Under which Section of the Motor Vehicles Act, 1988 is the renewal of a driving licence mentioned ?
    (a) Section 15
    (b) Section 10
    (c) Section 12
    (d) Section 18

69. The registration number of vehicle must be displayed
    (a) On the dashboard only
    (b) Only inside the vehicle
    (c) Prominently on front and rear in the prescribed manner
    (d) None of the above

70. A Driver should not drive a vehicle if
    (a) The vehicle is insured
    (b) The driver is under the influence of drinks/drugs to an extent that control is impaired
    (c) The driver has a valid licence
    (d) The registration number is displayed correctly

71. The sign "Compulsory Ahead or Turn Left" directs traffic to
    (a) Move straight or turn left
    (b) Turn right only
    (c) Stop immediately
    (d) Move in any direction freely

72. If a driving licence is lost, mutilated or destroyed, the holder must
    (a) Report only to the police station
    (b) Intimate the fact in writing in Form KMV 1 to the licensing authority
    (c) Wait until renewal time
    (d) None of the above

73. An application for a driving licence in India must be made in
    (a) Form 1
    (b) Form 1-A
    (c) Form 5
    (d) Form 4

74. A medical certificate for a driving licence application must be submitted in
    (a) Form 4-A
    (b) Form 5
    (c) Form 1-A
    (d) Form KMV 1

75. Laminated card type or Smart Card type driving licences are issued in
    (a) Form 4
    (b) Form 5
    (c) Form 6
    (d) Form 7

76. An application for renewal of a driving licence must be made in
    (a) Form 4
    (b) Form 5
    (c) Form 9
    (d) Form 1-A

77. Before getting into the vehicle, a driver must check possession of
    (a) Only the insurance policy
    (b) Valid licence, registration certificate, inspection certificate and insurance policy
    (c) Vehicle keys only
    (d) Pollution certificate only

78. The first step when injuries result from a traffic accident is to
    (a) Drive away quickly
    (b) Only check vehicle damage
    (c) Wait for others to arrive
    (d) Look over the injured and call ambulance and police services

79. The most important factor in driving is
    (a) Parts of the vehicle
    (b) The driver himself
    (c) The speed of the vehicle
    (d) None of the above

80. Which of the following is included in the 4 E's of crash prevention ?
    (a) Education
    (b) Employment
    (c) Entertainment
    (d) Economics

81. A stop line is a single solid line painted
    (a) Along the edge of the road
    (b) Only inside parking areas
    (c) On the side walls of tunnels
    (d) Across the road before zebra crossings and intersections

82. A solid continuous yellow line painted on the kerb indicates
    (a) Speed limit zone
    (b) Overtaking zone
    (c) Pedestrian crossing
    (d) No-parking area

83. Lane driving is considered as
    (a) Complicated and unsafe
    (b) One of the easiest and safest methods of driving
    (c) Useful only on highways
    (d) Effective only for experienced drivers

84. The safest way to avoid crashes is
    (a) Driving at high speed
    (b) Stick to your lane
    (c) Honking continuously
    (d) None of the above

85. The “No Entry” sign indicates
    (a) Vehicles must slow down
    (b) Pedestrians only zone
    (c) Parking is allowed
    (d) Entry is prohibited for all vehicles

86. The “Restriction Ends” sign indicates
    (a) Beginning of a no-parking zone
    (b) Any restriction conveyed through sign on road ends here
    (c) Start of a speed limit zone
    (d) Entry into a restricted area

87. The “Side Road Right” sign specifically indicates

(a) A pedestrian crossing ahead

(b) A side road joining from the right

(c) A tunnel ahead

(d) A parking zone nearby

88. The “Petrol Pump” informatory sign indicates

(a) A hospital nearby

(b) A speed limit zone

(c) A parking area ahead

(d) A petrol pump ahead

89. Work zone signs are provided to

(a) Indicate parking areas

(b) Guide traffic through highway construction or maintenance zones

(c) Show tourist spots

(d) Display speed limits only

90. When are Cautionary/Warning signs provided on roads ?

(a) After the hazard has passed

(b) At parking zones

(c) Only at petrol pumps

(d) Before the hazard on or near the road

Question Booklet Sl. No.

Series
B

CODE : BEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

B

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

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory. Q. No. **1** to **40** carry **2.5** marks **each** and Q. No. **41** to **90** carry **2** marks **each**.
7. **There is no negative marking for incorrect answers.**
8. This Booklet contains 90 questions. Candidates must note that there will be 5 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General Awareness	1-10	5 – 6
B	General Intelligence and Reasoning Ability	11-20	7 – 9
C	Arithmetical and Numerical Ability	21-30	10 – 11
D	Test of English Language and Comprehension	31-40	12 – 13
E	Technical Paper	41-90	14 – 23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

B

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A

(General Awareness)

1. A Lunar Eclipse occurs when
   (a) The Moon comes between the Sun and Earth
   (b) The Sun comes between the Earth and Moon
   (c) The Earth comes between the Sun and Moon
   (d) The Moon moves away from the Earth

2. The Fourth Schedule of the Constitution of India deals with
   (a) Distribution of legislative powers
   (b) Forms of oath and affirmation
   (c) Allocation of seats to States and Union Territories in the Rajya Sabha
   (d) None of the above

3. Which is the biggest planet in our solar system ?
   (a) Earth (b) Mars
   (c) Saturn (d) Jupiter

4. Who was the Chairman of the Drafting Committee of the Indian Constitution ?
   (a) Dr. B. R. Ambedkar
   (b) Dr. Rajendra Prasad
   (c) Pt. Jawaharlal Nehru
   (d) Sardar Vallabhbhai Patel

5. Who wrote the book 'Poverty and Un-British Rule in India' ?
   (a) Dadabhai Naoroji
   (b) Bal Gangadhar Tilak
   (c) Gopal Krishna Gokhale
   (d) Lala Lajpat Rai

6. The famous Eden Gardens Cricket Stadium is located in which city of India ?
   (a) Mumbai
   (b) Chennai
   (c) Kolkata
   (d) Delhi

7. The Second Five-Year Plan (1956–1961) of India was based on whose model ?
   (a) P. C. Mahalanobis
   (b) Jawaharlal Nehru
   (c) Dr. B. R. Ambedkar
   (d) None of the above

8. Water moves from the soil into root hair cells mainly by which process ?
   (a) Transpiration
   (b) Active transport
   (c) Osmosis
   (d) None of the above

9. Arunachal Pradesh became a full-fledged State of India in which year ?
   (a) 1972
   (b) 1985
   (c) 1987
   (d) 1991

10. Which feature of the Indian Constitution was adopted from the United Kingdom ?
   (a) Federal system
   (b) Judicial review
   (c) Single citizenship
   (d) Written constitution

SECTION – B

(General Intelligence and Reasoning Ability)

11. A girl is going towards West, then she turned left, then turned 90° in clockwise direction. In which direction is she going now ?

(a) West (b) East

(c) North (d) None of these

12. In class of 45 students rank of Ayush is 15^{th} from top, then rank of Ayush from bottom is

(a) 30 (b) 32

(c) 31 (d) 35

13. A particular relationship is given and another similar relationship has to be identified from the alternatives provided.

India : New Delhi :: France : _____

(a) Cairo (b) London

(c) Tokiyo (d) Paris

14. In the following question you have to select the option which has same relation as the pair of words in the question.

Water : Drink

(a) Light : Night

(b) Teach : Student

(c) Air : Breathe

(d) Food : Hunger

15. 'A + B' means that A is the father of B, 'A – B' means that A is the wife of B, 'A × B' means that A is the brother of B, 'A ÷ B' means that A is the mother of B and 'A = B' means that A is the sister of B. On the basis of this information, what does 'P + Q – R' means ?

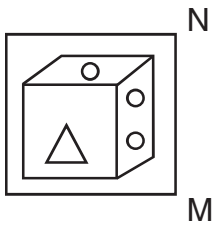
(a) P is the father-in-law of R

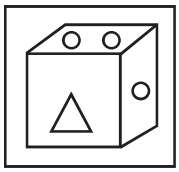
(b) P is the son of R

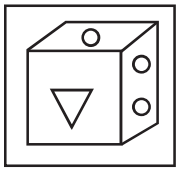
(c) P is the uncle of R

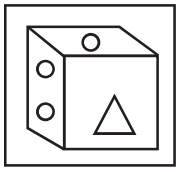
(d) P is the brother of R

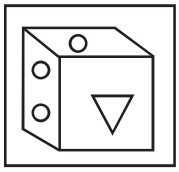
16. Choose the correct mirror image of the given figure, if a mirror is placed on the line MN.



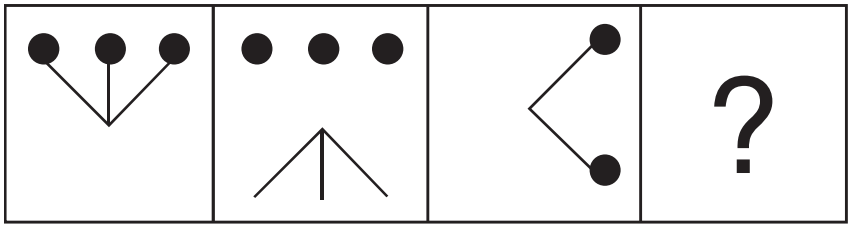
(a) 

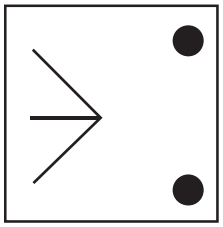
(b) 

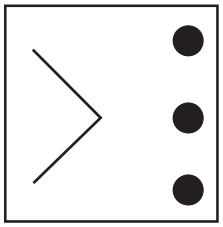
(c) 

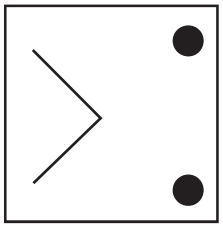
(d) 

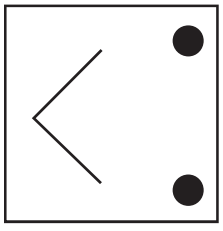
17. Select a suitable figure from the options that would replace the question mark (?).



(a) 

(b) 

(c) 

(d) 

18. Vinay is taller than Hansika, Hansika is taller than Abhay, Aalok is taller than Ashok and Ashok is taller than Vinay. Who is the shortest in the group ?

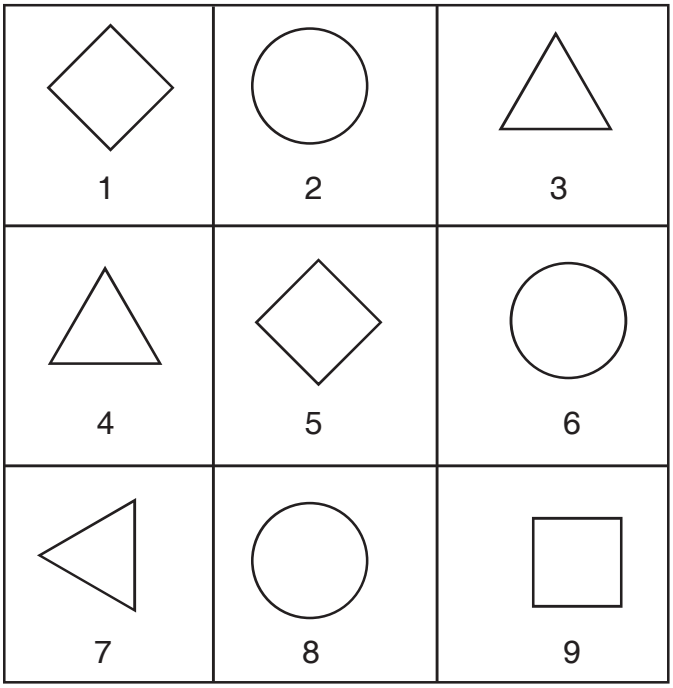
(a) Aalok
(b) Ashok
(c) Hansika
(d) Abhay

19. Choose a number which bears the same relationship with the third/four number as the first two bear.

3 : 27

(a) 2 : 8
(b) 3 : 9
(c) 5 : 120
(d) None of the above

20. Group the given figures into different classes on the basis of their orientations, shapes.



(a) (1, 5, 9), (2, 4, 7), (3, 6, 8)

(b) (2, 6, 8), (1, 5, 9), (3, 4, 7)

(c) (4, 3, 7), (2, 6, 9), (1, 5, 8)

(d) (1, 2, 3), (4, 5, 6), (7, 8, 9)

SECTION – C

(Arithmetical and Numerical Ability)

21. If an article is sold for Rs. 36 after a discount of 64% on its marked price then its marked price should be

(a) Rs. 100 (b) Rs. 80

(c) Rs. 94 (d) Rs. 98

22. If volume of a cube is 27 cm^3 then the length of each side of the cube is

(a) 3 cm (b) 9 cm

(c) 6 cm (d) 2.5 cm

23. 40% of 1000 is

(a) 800 (b) 40

(c) 400 (d) 80

24. If average age of six boys in a family is 10 years then the sum of their ages is

(a) 60 years (b) 16 years

(c) 6 years (d) 10 years

25. If A can complete a job in 4 days and B can complete the same job in 6 days then A and B together can complete the same job in how many days ?

(a) $\frac{12}{7}$ days

(b) $\frac{12}{5}$ days

(c) $\frac{11}{5}$ days

(d) $\frac{13}{5}$ days

26. The value of $9^2 - 7^2$ is

(a) 32

(b) 23

(c) 17

(d) 22

27. LCM of 18 and 20 is

(a) 180

(b) 90

(c) 120

(d) 160

28. The ratio of boys to girls in a class is 3 : 4. If there are 18 boys in the class then the number of girls is

(a) 16

(b) 20

(c) 24

(d) 28

29. The value of $\sqrt[3]{64}$ is

(a) 4 (b) 2

(c) 8 (d) 6

30. There are 2 dozens of pencils in a box. If there are 10 such boxes, the total number of pencils in 10 boxes is

(a) 20 (b) 100

(c) 240 (d) 120

SECTION – D
(Test of English Language and Comprehension)

31. In the following question, 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, mark your answer as (d).

Myself Rajesh Kumar

(a) Myselves
(b) Myself is
(c) I am
(d) No improvement

Direction (Q. No. 32 and 33) : Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect/direct speech.

32. Anoop said, "How can a Zebra talk ?"

(a) Anoop wondered how a Zebra talks
(b) Anoop questioned a Zebra talking
(c) Anoop asked how a Zebra could talk
(d) Anoop was amazed how a Zebra can talk

33. Vinod said to me, "Has your brother returned from Delhi ?"

(a) Vinod said to me if my brother has returned from Delhi
(b) Vinod asked me if my brother had returned from Delhi
(c) Vinod enquire to me if my brother had returned from Delhi
(d) Vinod asks me whether my brother had returned from Delhi

Direction (Q. No. 34 and 35) : Choose the most suitable antonym of the given word.

34. Simple

(a) Complex
(b) Smooth
(c) Calm
(d) Rural

35. Illuminate

(a) Darken
(b) Cover
(c) Hinder
(d) Prospect

36. In the following question, a sentence has been given in active voice. Out of the four alternatives suggested, select the one that best expresses the same sentence in passive voice and select your answer accordingly.

I can teach Naveen

(a) Naveen can taught by me
(b) Naveen could be taught by me
(c) Naveen can be teach by me
(d) Naveen can be taught by me

37. Choose the correct meaning of the given idiom.

Stick by someone

(a) to pass by
(b) to stand by someone
(c) to paste
(d) none of the above

38. Fill in the blank with appropriate word.

Everyone wants to burn _____. Ask any person who spends time sweating it out in a gym or on the field and he will tell you that fat is out.

(a) Petrol (b) Gas
(c) Fat (d) Oil

Direction (Q. No. 39 and 40) : Give one word substitute for the following from the alternatives given below them.

39. A large group of stars

(a) galaxy (b) sky
(c) radiation (d) core

40. A building in which motor vehicles can be kept

(a) igloo (b) garage
(c) glacier (d) grange

SECTION – E

(Technical Paper)

41. Who else must wear a helmet besides the rider ?
    (a) Only children
    (b) Only professional drivers
    (c) The pillion rider
    (d) No one else

42. A helmet should meet
    (a) International Driving Standards
    (b) ISI (Indian Standards Institute) requirements
    (c) Traffic police approval only
    (d) Manufacturer's warranty

43. Under which Section of the Motor Vehicles Act, 1988 is the renewal of a driving licence mentioned ?
    (a) Section 15 (b) Section 10
    (c) Section 12 (d) Section 18

44. The registration number of vehicle must be displayed
    (a) On the dashboard only
    (b) Only inside the vehicle
    (c) Prominently on front and rear in the prescribed manner
    (d) None of the above

45. A Driver should not drive a vehicle if
    (a) The vehicle is insured
    (b) The driver is under the influence of drinks/drugs to an extent that control is impaired
    (c) The driver has a valid licence
    (d) The registration number is displayed correctly

46. What does the “Horn Prohibited” sign instruct drivers to do ?

(a) Use horn only at night

(b) Use horn near hospitals

(c) Respect the silence zone and not use horn

(d) Honk continuously

47. The traffic signal indicated on the road consists of how many colours ?

(a) Three

(b) Two

(c) Four

(d) Five

48. A learner’s license is valid for a period of

(a) 3 months

(b) 2 years

(c) 1 year

(d) 6 months

49. How will the duplicate licence be marked when issued ?

(a) Copy

(b) Temporary

(c) Second licence

(d) Duplicate

50. What is the purpose of the “GIVE WAY” sign ?

(a) To indicate road construction

(b) To assign right-of-way to traffic

(c) To allow parking

(d) None of the above

51. The sign “Compulsory Ahead or Turn Left” directs traffic to
    (a) Move straight or turn left
    (b) Turn right only
    (c) Stop immediately
    (d) Move in any direction freely

52. If a driving licence is lost, mutilated or destroyed, the holder must
    (a) Report only to the police station
    (b) Intimate the fact in writing in Form KMV 1 to the licensing authority
    (c) Wait until renewal time
    (d) None of the above

53. An application for a driving licence in India must be made in
    (a) Form 1
    (b) Form 1-A
    (c) Form 5
    (d) Form 4

54. A medical certificate for a driving licence application must be submitted in
    (a) Form 4-A
    (b) Form 5
    (c) Form 1-A
    (d) Form KMV 1

55. Laminated card type or Smart Card type driving licences are issued in
    (a) Form 4
    (b) Form 5
    (c) Form 6
    (d) Form 7

56. Where should the ONE WAY sign be located ?

(a) At the end of the street

(b) At bus stops

(c) At parking areas

(d) At the entry to the one-way street

57. According to the speed limit sign, what should a driver always remember ?

(a) To drive faster than others

(b) The limit specified must be followed to avoid penal action

(c) To ignore traffic lights

(d) To use the horn at turns

58. The “Pedestrians only” sign means

(a) Vehicles are allowed with pedestrians

(b) Only buses are allowed

(c) Only bicycles are allowed

(d) Only pedestrians are allowed and traffic is not allowed

59. If a vehicle has yellow fog lights, drivers should

(a) Use them in fog

(b) Avoid using them

(c) Use them only at night

(d) None of the above

60. Yellow fog lights should be used at

(a) Blind corners

(b) Straight roads

(c) Parking areas

(d) Toll gates

61. A stop line is a single solid line painted
    (a) Along the edge of the road
    (b) Only inside parking areas
    (c) On the side walls of tunnels
    (d) Across the road before zebra crossings and intersections

62. A solid continuous yellow line painted on the kerb indicates
    (a) Speed limit zone
    (b) Overtaking zone
    (c) Pedestrian crossing
    (d) No-parking area

63. Lane driving is considered as
    (a) Complicated and unsafe
    (b) One of the easiest and safest methods of driving
    (c) Useful only on highways
    (d) Effective only for experienced drivers

64. The safest way to avoid crashes is
    (a) Driving at high speed
    (b) Stick to your lane
    (c) Honking continuously
    (d) None of the above

65. The “No Entry” sign indicates
    (a) Vehicles must slow down
    (b) Pedestrians only zone
    (c) Parking is allowed
    (d) Entry is prohibited for all vehicles

66. At night drivers should keep a constant eye out for
    (a) Roadside pedestrians, cyclists or cars
    (b) Zebra crossing
    (c) Buildings near the road
    (d) Parking areas

67. If you see a flashing of brake light or see a weave on the road, you should
    (a) Increase speed
    (b) Ignore it
    (c) Slow down
    (d) Change lane immediately

68. Pavement markings are used to
    (a) Decorate the road surface
    (b) Delineate the centre of the road, identify travel lanes and define road edges
    (c) Advertise products
    (d) Indicate parking fees

69. White/yellow lines generally separate
    (a) Stop line
    (b) Pedestrian crossings
    (c) Parking spaces
    (d) Traffic moving in opposite directions

70. White lines on highways are used to
    (a) Divide lanes of traffic moving in the same direction
    (b) Show pedestrian crossings only
    (c) Indicate road edges only
    (d) None of the above

71. The “Restriction Ends” sign indicates
    (a) Beginning of a no-parking zone
    (b) Any restriction conveyed through sign on road ends here
    (c) Start of a speed limit zone
    (d) Entry into a restricted area

72. The “Side Road Right” sign specifically indicates
    (a) A pedestrian crossing ahead
    (b) A side road joining from the right
    (c) A tunnel ahead
    (d) A parking zone nearby

73. The “Petrol Pump” informatory sign indicates
    (a) A hospital nearby
    (b) A speed limit zone
    (c) A parking area ahead
    (d) A petrol pump ahead

74. Work zone signs are provided to
    (a) Indicate parking areas
    (b) Guide traffic through highway construction or maintenance zones
    (c) Show tourist spots
    (d) Display speed limits only

75. When are Cautionary/Warning signs provided on roads ?
    (a) After the hazard has passed
    (b) At parking zones
    (c) Only at petrol pumps
    (d) Before the hazard on or near the road

76. Under which Section of the Motor Vehicles Act,1988 is driving under the influence of alcohol or drugs punishable ?

(a) Section 177
(b) Section 129
(c) Section 194
(d) Section 185

77. Driving becomes more dangerous when the driver is not

(a) Mechanically skilled
(b) At his physical and mental best
(c) Using a modern vehicle
(d) Wearing protective gear

78. All traffic must keep at which direction ?

(a) Follow only traffic signals
(b) Keep to the left
(c) Drive in the middle of the road
(d) None of the above

79. A driver must produce his/her driving licence

(a) Only when renewing registration
(b) Only when buying fuel
(c) On demand for examination by a Police Officer in uniform
(d) None of the above

80. Vehicles displaying “L” plates are

(a) Driven by professional drivers
(b) Used only for heavy vehicles
(c) Reserved for emergency vehicles
(d) Driven by learners and inexperienced drivers

81. An application for renewal of a driving licence must be made in

(a) Form 4
(b) Form 5
(c) Form 9
(d) Form 1-A

82. Before getting into the vehicle, a driver must check possession of
    (a) Only the insurance policy
    (b) Valid licence, registration certificate, inspection certificate and insurance policy
    (c) Vehicle keys only
    (d) Pollution certificate only

83. The first step when injuries result from a traffic accident is to
    (a) Drive away quickly
    (b) Only check vehicle damage
    (c) Wait for others to arrive
    (d) Look over the injured and call ambulance and police services

84. The most important factor in driving is
    (a) Parts of the vehicle
    (b) The driver himself
    (c) The speed of the vehicle
    (d) None of the above

85. Which of the following is included in the 4 E's of crash prevention ?
    (a) Education
    (b) Employment
    (c) Entertainment
    (d) Economics

86. If a fire service vehicle, ambulance or police car with siren is approaching, you must
    (a) Stop in the middle of the road
    (b) Ignore the siren
    (c) Slow down to block the way
    (d) Allow them free passage by driving to the side

87. When it rains, drivers should

(a) Drive faster to clear traffic

(b) Drive slowly, keep longer distance between the vehicle in front and give way to pedestrians

(c) Ignore pedestrians and maintain speed of the road

(d) None of the above

88. On winding hill roads during rain, drivers should

(a) Stay close to the outside edge

(b) Avoid getting too close to the outside edge due to landslide risk

(c) Drive faster to avoid landslides

(d) Stop immediately on the edge

89. If the inside glass fogs up, drivers should

(a) Ignore it and continue driving

(b) Clean with dry cloth, open side window and use heater if available

(c) Splash water on the glass

(d) None of the above

90. No rider should enter a road without

(a) Gloves

(b) Boots

(c) A jacket

(d) A helmet

Question Booklet Sl. No.

Series

C

CODE : BEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

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

C

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

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory. Q. No. **1** to **40** carry **2.5** marks **each** and Q. No. **41** to **90** carry **2** marks **each**.
7. **There is no negative marking for incorrect answers.**
8. This Booklet contains 90 questions. Candidates must note that there will be 5 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General Awareness	1-10	5 – 6
B	General Intelligence and Reasoning Ability	11-20	7 – 9
C	Arithmetical and Numerical Ability	21-30	10 – 11
D	Test of English Language and Comprehension	31-40	12 – 13
E	Technical Paper	41-90	14 – 23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

C

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A

(General Awareness)

1. The Second Five-Year Plan (1956–1961) of India was based on whose model ?
   (a) P. C. Mahalanobis
   (b) Jawaharlal Nehru
   (c) Dr. B. R. Ambedkar
   (d) None of the above

2. Water moves from the soil into root hair cells mainly by which process ?
   (a) Transpiration
   (b) Active transport
   (c) Osmosis
   (d) None of the above

3. A Lunar Eclipse occurs when
   (a) The Moon comes between the Sun and Earth
   (b) The Sun comes between the Earth and Moon
   (c) The Earth comes between the Sun and Moon
   (d) The Moon moves away from the Earth

4. The Fourth Schedule of the Constitution of India deals with
   (a) Distribution of legislative powers
   (b) Forms of oath and affirmation
   (c) Allocation of seats to States and Union Territories in the Rajya Sabha
   (d) None of the above

5. Arunachal Pradesh became a full-fledged State of India in which year ?
   (a) 1972 (b) 1985
   (c) 1987 (d) 1991

6. Which feature of the Indian Constitution was adopted from the United Kingdom ?
   (a) Federal system
   (b) Judicial review
   (c) Single citizenship
   (d) Written constitution

7. Who wrote the book 'Poverty and Un-British Rule in India' ?
   (a) Dadabhai Naoroji
   (b) Bal Gangadhar Tilak
   (c) Gopal Krishna Gokhale
   (d) Lala Lajpat Rai

8. The famous Eden Gardens Cricket Stadium is located in which city of India ?
   (a) Mumbai
   (b) Chennai
   (c) Kolkata
   (d) Delhi

9. Which is the biggest planet in our solar system ?
   (a) Earth
   (b) Mars
   (c) Saturn
   (d) Jupiter

10. Who was the Chairman of the Drafting Committee of the Indian Constitution ?
   (a) Dr. B. R. Ambedkar
   (b) Dr. Rajendra Prasad
   (c) Pt. Jawaharlal Nehru
   (d) Sardar Vallabhbhai Patel

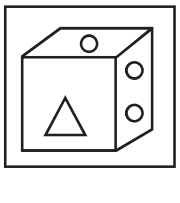
SECTION – B

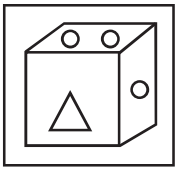
(General Intelligence and Reasoning Ability)

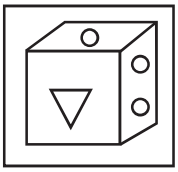
11. 'A + B' means that A is the father of B, 'A – B' means that A is the wife of B, 'A × B' means that A is the brother of B, 'A ÷ B' means that A is the mother of B and 'A = B' means that A is the sister of B. On the basis of this information, what does 'P + Q – R' means ?

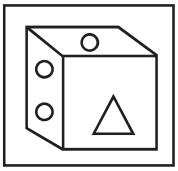
(a) P is the father-in-law of R
(b) P is the son of R
(c) P is the uncle of R
(d) P is the brother of R

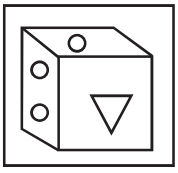
12. Choose the correct mirror image of the given figure, if a mirror is placed on the line MN.



(a) 

(b) 

(c) 

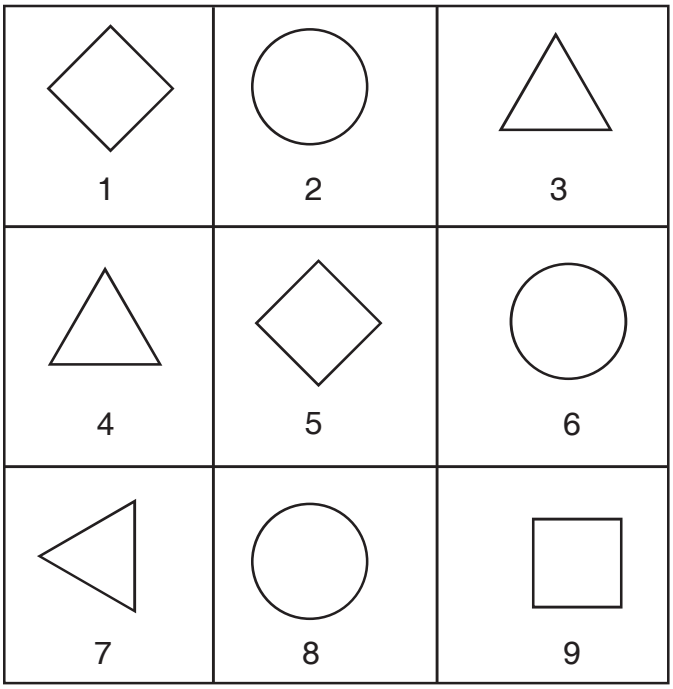
(d) 

13. Choose a number which bears the same relationship with the third/four number as the first two bear.

3 : 27

(a) 2 : 8
(b) 3 : 9
(c) 5 : 120
(d) None of the above

14. Group the given figures into different classes on the basis of their orientations, shapes.



(a) (1, 5, 9), (2, 4, 7), (3, 6, 8)
(b) (2, 6, 8), (1, 5, 9), (3, 4, 7)
(c) (4, 3, 7), (2, 6, 9), (1, 5, 8)
(d) (1, 2, 3), (4, 5, 6), (7, 8, 9)

15. A particular relationship is given and another similar relationship has to be identified from the alternatives provided.

India : New Delhi :: France : _____

(a) Cairo
(b) London
(c) Tokiyo
(d) Paris

16. In the following question you have to select the option which has same relation as the pair of words in the question.

Water : Drink

(a) Light : Night
(b) Teach : Student
(c) Air : Breathe
(d) Food : Hunger

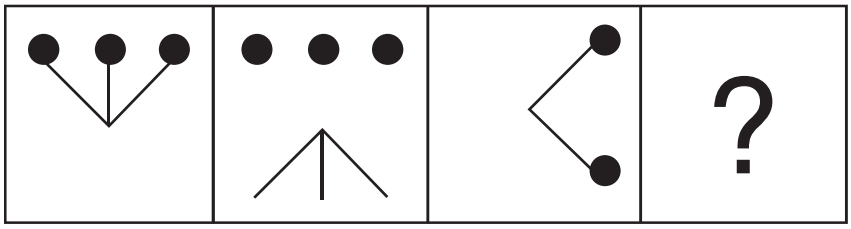
17. A girl is going towards West, then she turned left, then turned 90° in clockwise direction. In which direction is she going now ?

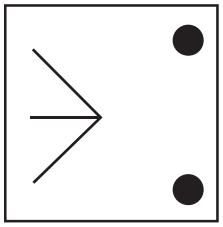
(a) West
(b) East
(c) North
(d) None of these

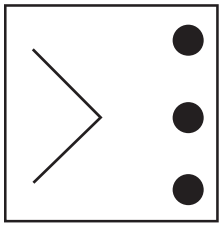
18. In class of 45 students rank of Ayush is 15^{th} from top, then rank of Ayush from bottom is

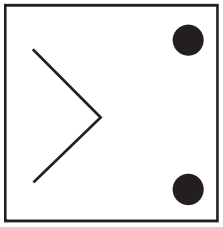
(a) 30
(b) 32
(c) 31
(d) 35

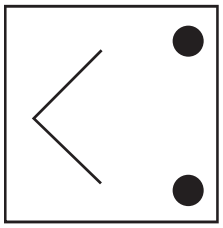
19. Select a suitable figure from the options that would replace the question mark (?).



(a) 

(b) 

(c) 

(d) 

20. Vinay is taller than Hansika, Hansika is taller than Abhay, Aalok is taller than Ashok and Ashok is taller than Vinay. Who is the shortest in the group ?

(a) Aalok
(b) Ashok
(c) Hansika
(d) Abhay

SECTION – C

(Arithmetical and Numerical Ability)

21. If A can complete a job in 4 days and B can complete the same job in 6 days then A and B together can complete the same job in how many days ?

(a) $\frac{12}{7}$ days

(b) $\frac{12}{5}$ days

(c) $\frac{11}{5}$ days

(d) $\frac{13}{5}$ days

22. The value of $9^2 - 7^2$ is

(a) 32

(b) 23

(c) 17

(d) 22

23. The value of $\sqrt[3]{64}$ is

(a) 4 (b) 2

(c) 8 (d) 6

24. There are 2 dozens of pencils in a box. If there are 10 such boxes, the total number of pencils in 10 boxes is

(a) 20 (b) 100

(c) 240 (d) 120

25. If an article is sold for Rs. 36 after a discount of 64% on its marked price then its marked price should be

(a) Rs. 100

(b) Rs. 80

(c) Rs. 94

(d) Rs. 98

26. If volume of a cube is 27 cm^3 then the length of each side of the cube is

(a) 3 cm

(b) 9 cm

(c) 6 cm

(d) 2.5 cm

27. 40% of 1000 is

(a) 800 (b) 40

(c) 400 (d) 80

28. If average age of six boys in a family is 10 years then the sum of their ages is

(a) 60 years (b) 16 years

(c) 6 years (d) 10 years

29. LCM of 18 and 20 is

(a) 180 (b) 90

(c) 120 (d) 160

30. The ratio of boys to girls in a class is 3 : 4. If there are 18 boys in the class then the number of girls is

(a) 16 (b) 20

(c) 24 (d) 28

SECTION – D
(Test of English Language and Comprehension)

31. Choose the correct meaning of the given idiom.

Stick by someone

(a) to pass by
(b) to stand by someone
(c) to paste
(d) none of the above

32. In the following question, 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, mark your answer as (d).

Myself Rajesh Kumar

(a) Myselves
(b) Myself is
(c) I am
(d) No improvement

33. Fill in the blank with appropriate word.

Everyone wants to burn _____. Ask any person who spends time sweating it out in a gym or on the field and he will tell you that fat is out.

(a) Petrol
(b) Gas
(c) Fat
(d) Oil

Direction (Q. No. 34 and 35) : Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect/direct speech.

34. Anoop said, "How can a Zebra talk ?"

(a) Anoop wondered how a Zebra talks
(b) Anoop questioned a Zebra talking
(c) Anoop asked how a Zebra could talk
(d) Anoop was amazed how a Zebra can talk

35. Vinod said to me, “Has your brother returned from Delhi ?”

(a) Vinod said to me if my brother has returned from Delhi

(b) Vinod asked me if my brother had returned from Delhi

(c) Vinod enquire to me if my brother had returned from Delhi

(d) Vinod asks me whether my brother had returned from Delhi

Direction (Q. No. 36 and 37) : Give one word substitute for the following from the alternatives given below them.

36. A large group of stars

(a) galaxy (b) sky

(c) radiation (d) core

37. A building in which motor vehicles can be kept

(a) igloo (b) garage

(c) glacier (d) grange

38. In the following question, a sentence has been given in active voice. Out of the four alternatives suggested, select the one that best expresses the same sentence in passive voice and select your answer accordingly.

I can teach Naveen

(a) Naveen can taught by me

(b) Naveen could be taught by me

(c) Naveen can be teach by me

(d) Naveen can be taught by me

Direction (Q. No. 39 and 40) : Choose the most suitable antonym of the given word.

39. Simple

(a) Complex (b) Smooth

(c) Calm (d) Rural

40. Illuminate

(a) Darken (b) Cover

(c) Hinder (d) Prospect

SECTION – E
(Technical Paper)

41. If a fire service vehicle, ambulance or police car with siren is approaching, you must
    (a) Stop in the middle of the road
    (b) Ignore the siren
    (c) Slow down to block the way
    (d) Allow them free passage by driving to the side

42. When it rains, drivers should
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    (a) Ignore it and continue driving
    (b) Clean with dry cloth, open side window and use heater if available
    (c) Splash water on the glass
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45. No rider should enter a road without
    (a) Gloves
    (b) Boots
    (c) A jacket
    (d) A helmet

46. A stop line is a single solid line painted
    (a) Along the edge of the road
    (b) Only inside parking areas
    (c) On the side walls of tunnels
    (d) Across the road before zebra crossings and intersections

47. A solid continuous yellow line painted on the kerb indicates
    (a) Speed limit zone
    (b) Overtaking zone
    (c) Pedestrian crossing
    (d) No-parking area

48. Lane driving is considered as
    (a) Complicated and unsafe
    (b) One of the easiest and safest methods of driving
    (c) Useful only on highways
    (d) Effective only for experienced drivers

49. The safest way to avoid crashes is
    (a) Driving at high speed
    (b) Stick to your lane
    (c) Honking continuously
    (d) None of the above

50. The “No Entry” sign indicates
    (a) Vehicles must slow down
    (b) Pedestrians only zone
    (c) Parking is allowed
    (d) Entry is prohibited for all vehicles

51. Under which Section of the Motor Vehicles Act,1988 is driving under the influence of alcohol or drugs punishable ?
    (a) Section 177
    (b) Section 129
    (c) Section 194
    (d) Section 185

52. Driving becomes more dangerous when the driver is not
    (a) Mechanically skilled
    (b) At his physical and mental best
    (c) Using a modern vehicle
    (d) Wearing protective gear

53. All traffic must keep at which direction ?
    (a) Follow only traffic signals
    (b) Keep to the left
    (c) Drive in the middle of the road
    (d) None of the above

54. A driver must produce his/her driving licence
    (a) Only when renewing registration
    (b) Only when buying fuel
    (c) On demand for examination by a Police Officer in uniform
    (d) None of the above

55. Vehicles displaying “L” plates are
    (a) Driven by professional drivers
    (b) Used only for heavy vehicles
    (c) Reserved for emergency vehicles
    (d) Driven by learners and inexperienced drivers

56. The sign “Compulsory Ahead or Turn Left” directs traffic to
    (a) Move straight or turn left
    (b) Turn right only
    (c) Stop immediately
    (d) Move in any direction freely

57. If a driving licence is lost, mutilated or destroyed, the holder must
    (a) Report only to the police station
    (b) Intimate the fact in writing in Form KMV 1 to the licensing authority
    (c) Wait until renewal time
    (d) None of the above

58. An application for a driving licence in India must be made in
    (a) Form 1
    (b) Form 1-A
    (c) Form 5
    (d) Form 4

59. A medical certificate for a driving licence application must be submitted in
    (a) Form 4-A
    (b) Form 5
    (c) Form 1-A
    (d) Form KMV 1

60. Laminated card type or Smart Card type driving licences are issued in
    (a) Form 4
    (b) Form 5
    (c) Form 6
    (d) Form 7

61. At night drivers should keep a constant eye out for
    (a) Roadside pedestrians, cyclists or cars
    (b) Zebra crossing
    (c) Buildings near the road
    (d) Parking areas

62. If you see a flashing of brake light or see a weave on the road, you should
    (a) Increase speed
    (b) Ignore it
    (c) Slow down
    (d) Change lane immediately

63. Pavement markings are used to
    (a) Decorate the road surface
    (b) Delineate the centre of the road, identify travel lanes and define road edges
    (c) Advertise products
    (d) Indicate parking fees

64. White/yellow lines generally separate
    (a) Stop line
    (b) Pedestrian crossings
    (c) Parking spaces
    (d) Traffic moving in opposite directions

65. White lines on highways are used to
    (a) Divide lanes of traffic moving in the same direction
    (b) Show pedestrian crossings only
    (c) Indicate road edges only
    (d) None of the above

66. The “Restriction Ends” sign indicates

(a) Beginning of a no-parking zone

(b) Any restriction conveyed through sign on road ends here

(c) Start of a speed limit zone

(d) Entry into a restricted area

67. The “Side Road Right” sign specifically indicates

(a) A pedestrian crossing ahead

(b) A side road joining from the right

(c) A tunnel ahead

(d) A parking zone nearby

68. The “Petrol Pump” informatory sign indicates

(a) A hospital nearby

(b) A speed limit zone

(c) A parking area ahead

(d) A petrol pump ahead

69. Work zone signs are provided to

(a) Indicate parking areas

(b) Guide traffic through highway construction or maintenance zones

(c) Show tourist spots

(d) Display speed limits only

70. When are Cautionary/Warning signs provided on roads ?

(a) After the hazard has passed

(b) At parking zones

(c) Only at petrol pumps

(d) Before the hazard on or near the road

71. Where should the ONE WAY sign be located ?

(a) At the end of the street

(b) At bus stops

(c) At parking areas

(d) At the entry to the one-way street

72. According to the speed limit sign, what should a driver always remember ?

(a) To drive faster than others

(b) The limit specified must be followed to avoid penal action

(c) To ignore traffic lights

(d) To use the horn at turns

73. The “Pedestrians only” sign means

(a) Vehicles are allowed with pedestrians

(b) Only buses are allowed

(c) Only bicycles are allowed

(d) Only pedestrians are allowed and traffic is not allowed

74. If a vehicle has yellow fog lights, drivers should

(a) Use them in fog

(b) Avoid using them

(c) Use them only at night

(d) None of the above

75. Yellow fog lights should be used at

(a) Blind corners

(b) Straight roads

(c) Parking areas

(d) Toll gates

76. Who else must wear a helmet besides the rider ?
    (a) Only children
    (b) Only professional drivers
    (c) The pillion rider
    (d) No one else

77. A helmet should meet
    (a) International Driving Standards
    (b) ISI (Indian Standards Institute) requirements
    (c) Traffic police approval only
    (d) Manufacturer's warranty

78. Under which Section of the Motor Vehicles Act, 1988 is the renewal of a driving licence mentioned ?
    (a) Section 15
    (b) Section 10
    (c) Section 12
    (d) Section 18

79. The registration number of vehicle must be displayed
    (a) On the dashboard only
    (b) Only inside the vehicle
    (c) Prominently on front and rear in the prescribed manner
    (d) None of the above

80. A Driver should not drive a vehicle if
    (a) The vehicle is insured
    (b) The driver is under the influence of drinks/drugs to an extent that control is impaired
    (c) The driver has a valid licence
    (d) The registration number is displayed correctly

81. What does the “Horn Prohibited” sign instruct drivers to do ?

(a) Use horn only at night

(b) Use horn near hospitals

(c) Respect the silence zone and not use horn

(d) Honk continuously

82. The traffic signal indicated on the road consists of how many colours ?

(a) Three (b) Two

(c) Four (d) Five

83. A learner’s license is valid for a period of

(a) 3 months

(b) 2 years

(c) 1 year

(d) 6 months

84. How will the duplicate licence be marked when issued ?

(a) Copy

(b) Temporary

(c) Second licence

(d) Duplicate

85. What is the purpose of the “GIVE WAY” sign ?

(a) To indicate road construction

(b) To assign right-of-way to traffic

(c) To allow parking

(d) None of the above

86. An application for renewal of a driving licence must be made in

(a) Form 4
(b) Form 5
(c) Form 9
(d) Form 1-A

87. Before getting into the vehicle, a driver must check possession of

(a) Only the insurance policy
(b) Valid licence, registration certificate, inspection certificate and insurance policy
(c) Vehicle keys only
(d) Pollution certificate only

88. The first step when injuries result from a traffic accident is to

(a) Drive away quickly
(b) Only check vehicle damage
(c) Wait for others to arrive
(d) Look over the injured and call ambulance and police services

89. The most important factor in driving is

(a) Parts of the vehicle
(b) The driver himself
(c) The speed of the vehicle
(d) None of the above

90. Which of the following is included in the 4 E's of crash prevention ?

(a) Education
(b) Employment
(c) Entertainment
(d) Economics



Question Booklet Sl. No.

Series
D

CODE : BEM – 26

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

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

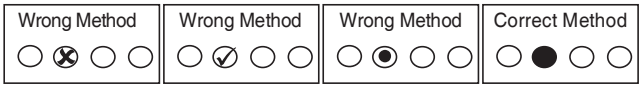
Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. 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.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. 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.
6. All questions are compulsory. Q. No. **1** to **40** carry **2.5** marks **each** and Q. No. **41** to **90** carry **2** marks **each**.
7. **There is no negative marking for incorrect answers.**
8. This Booklet contains 90 questions. Candidates must note that there will be 5 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General Awareness	1-10	5 – 6
B	General Intelligence and Reasoning Ability	11-20	7 – 9
C	Arithmetical and Numerical Ability	21-30	10 – 11
D	Test of English Language and Comprehension	31-40	12 – 13
E	Technical Paper	41-90	14 – 23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **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.
14. 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.

15. 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.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

D

D

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A

(General Awareness)

1. Which is the biggest planet in our solar system ?
   (a) Earth (b) Mars
   (c) Saturn (d) Jupiter

2. Who was the Chairman of the Drafting Committee of the Indian Constitution ?
   (a) Dr. B. R. Ambedkar
   (b) Dr. Rajendra Prasad
   (c) Pt. Jawaharlal Nehru
   (d) Sardar Vallabhbhai Patel

3. Who wrote the book 'Poverty and Un-British Rule in India' ?
   (a) Dadabhai Naoroji
   (b) Bal Gangadhar Tilak
   (c) Gopal Krishna Gokhale
   (d) Lala Lajpat Rai

4. The famous Eden Gardens Cricket Stadium is located in which city of India ?
   (a) Mumbai
   (b) Chennai
   (c) Kolkata
   (d) Delhi

5. The Second Five-Year Plan (1956–1961) of India was based on whose model ?
   (a) P. C. Mahalanobis
   (b) Jawaharlal Nehru
   (c) Dr. B. R. Ambedkar
   (d) None of the above

6. Water moves from the soil into root hair cells mainly by which process ?
   (a) Transpiration
   (b) Active transport
   (c) Osmosis
   (d) None of the above

7. Arunachal Pradesh became a full-fledged State of India in which year ?
   (a) 1972
   (b) 1985
   (c) 1987
   (d) 1991

8. Which feature of the Indian Constitution was adopted from the United Kingdom ?
   (a) Federal system
   (b) Judicial review
   (c) Single citizenship
   (d) Written constitution

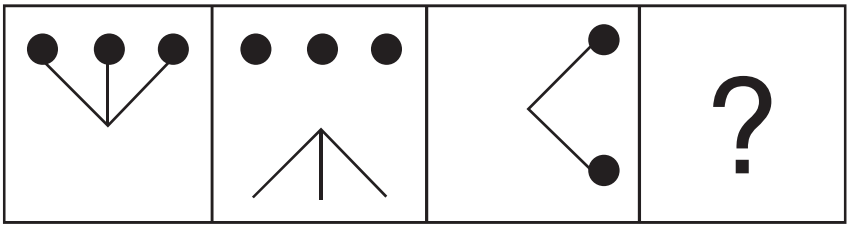
9. A Lunar Eclipse occurs when
   (a) The Moon comes between the Sun and Earth
   (b) The Sun comes between the Earth and Moon
   (c) The Earth comes between the Sun and Moon
   (d) The Moon moves away from the Earth

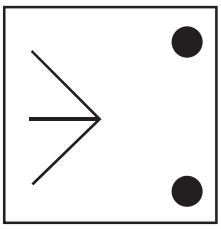
10. The Fourth Schedule of the Constitution of India deals with
   (a) Distribution of legislative powers
   (b) Forms of oath and affirmation
   (c) Allocation of seats to States and Union Territories in the Rajya Sabha
   (d) None of the above

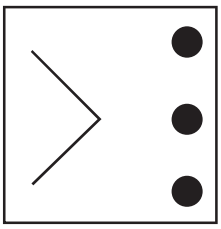
SECTION – B

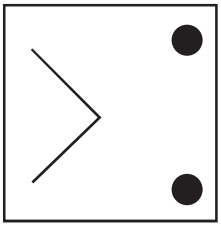
(General Intelligence and Reasoning Ability)

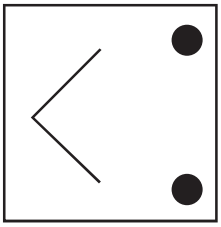
11. Select a suitable figure from the options that would replace the question mark (?).



(a) 

(b) 

(c) 

(d) 

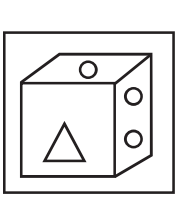
12. Vinay is taller than Hansika, Hansika is taller than Abhay, Aalok is taller than Ashok and Ashok is taller than Vinay. Who is the shortest in the group ?

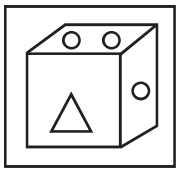
(a) Aalok
(b) Ashok
(c) Hansika
(d) Abhay

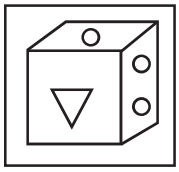
13. 'A + B' means that A is the father of B, 'A – B' means that A is the wife of B, 'A × B' means that A is the brother of B, 'A ÷ B' means that A is the mother of B and 'A = B' means that A is the sister of B. On the basis of this information, what does 'P + Q – R' means ?

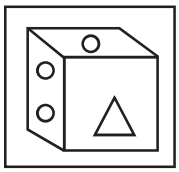
(a) P is the father-in-law of R
(b) P is the son of R
(c) P is the uncle of R
(d) P is the brother of R

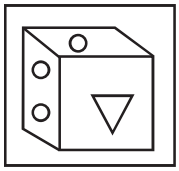
14. Choose the correct mirror image of the given figure, if a mirror is placed on the line MN.



(a) 

(b) 

(c) 

(d) 

15. Choose a number which bears the same relationship with the third/four number as the first two bear.

3 : 27

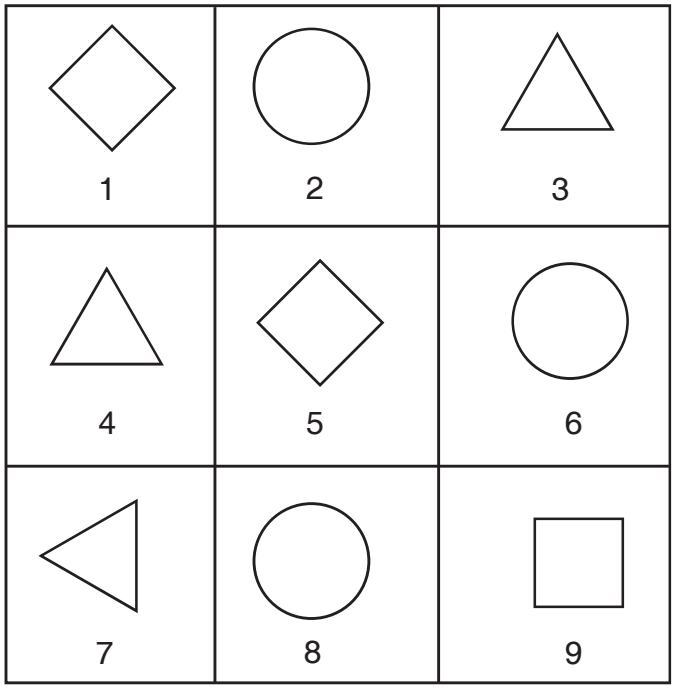
(a) 2 : 8

(b) 3 : 9

(c) 5 : 120

(d) None of the above

16. Group the given figures into different classes on the basis of their orientations, shapes.



(a) (1, 5, 9), (2, 4, 7), (3, 6, 8) (b) (2, 6, 8), (1, 5, 9), (3, 4, 7)
(c) (4, 3, 7), (2, 6, 9), (1, 5, 8) (d) (1, 2, 3), (4, 5, 6), (7, 8, 9)

17. A particular relationship is given and another similar relationship has to be identified from the alternatives provided.

India : New Delhi :: France : _____

(a) Cairo (b) London (c) Tokiyo (d) Paris

18. In the following question you have to select the option which has same relation as the pair of words in the question.

Water : Drink

(a) Light : Night (b) Teach : Student
(c) Air : Breathe (d) Food : Hunger

19. A girl is going towards West, then she turned left, then turned 90° in clockwise direction. In which direction is she going now ?

(a) West (b) East (c) North (d) None of these

20. In class of 45 students rank of Ayush is 15^{th} from top, then rank of Ayush from bottom is

(a) 30 (b) 32 (c) 31 (d) 35

SECTION – C

(Arithmetical and Numerical Ability)

21. 40% of 1000 is

(a) 800 (b) 40

(c) 400 (d) 80

22. If average age of six boys in a family is 10 years then the sum of their ages is

(a) 60 years (b) 16 years

(c) 6 years (d) 10 years

23. If A can complete a job in 4 days and B can complete the same job in 6 days then A and B together can complete the same job in how many days ?

(a) $\frac{12}{7}$ days

(b) $\frac{12}{5}$ days

(c) $\frac{11}{5}$ days

(d) $\frac{13}{5}$ days

24. The value of $9^2 - 7^2$ is

(a) 32 (b) 23

(c) 17 (d) 22

25. LCM of 18 and 20 is

(a) 180 (b) 90

(c) 120 (d) 160

26. The ratio of boys to girls in a class is 3 : 4. If there are 18 boys in the class then the number of girls is

(a) 16

(b) 20

(c) 24

(d) 28

27. The value of $\sqrt[3]{64}$ is

(a) 4 (b) 2

(c) 8 (d) 6

28. There are 2 dozens of pencils in a box. If there are 10 such boxes, the total number of pencils in 10 boxes is

(a) 20 (b) 100

(c) 240 (d) 120

29. If an article is sold for Rs. 36 after a discount of 64% on its marked price then its marked price should be

(a) Rs. 100

(b) Rs. 80

(c) Rs. 94

(d) Rs. 98

30. If volume of a cube is 27 cm^3 then the length of each side of the cube is

(a) 3 cm

(b) 9 cm

(c) 6 cm

(d) 2.5 cm

SECTION – D
(Test of English Language and Comprehension)

Direction (Q. No. 31 and 32) : Give one word substitute for the following from the alternatives given below them.

31. A large group of stars

(a) galaxy (b) sky

(c) radiation (d) core

32. A building in which motor vehicles can be kept

(a) igloo (b) garage

(c) glacier (d) grange

Direction (Q. No. 33 and 34) : Choose the most suitable antonym of the given word.

33. Simple

(a) Complex (b) Smooth

(c) Calm (d) Rural

34. Illuminate

(a) Darken (b) Cover

(c) Hinder (d) Prospect

35. In the following question, a sentence has been given in active voice. Out of the four alternatives suggested, select the one that best expresses the same sentence in passive voice and select your answer accordingly.

I can teach Naveen

(a) Naveen can taught by me

(b) Naveen could be taught by me

(c) Naveen can be teach by me

(d) Naveen can be taught by me

36. Choose the correct meaning of the given idiom.

Stick by someone

(a) to pass by
(b) to stand by someone
(c) to paste
(d) none of the above

37. Fill in the blank with appropriate word.

Everyone wants to burn _____. Ask any person who spends time sweating it out in a gym or on the field and he will tell you that fat is out.

(a) Petrol
(b) Gas
(c) Fat
(d) Oil

38. In the following question, 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, mark your answer as (d).

Myself Rajesh Kumar

(a) Myselves
(b) Myself is
(c) I am
(d) No improvement

Direction (Q. No. 39 and 40) : Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect/direct speech.

39. Anoop said, "How can a Zebra talk ?"

(a) Anoop wondered how a Zebra talks
(b) Anoop questioned a Zebra talking
(c) Anoop asked how a Zebra could talk
(d) Anoop was amazed how a Zebra can talk

40. Vinod said to me, "Has your brother returned from Delhi ?"

(a) Vinod said to me if my brother has returned from Delhi
(b) Vinod asked me if my brother had returned from Delhi
(c) Vinod enquire to me if my brother had returned from Delhi
(d) Vinod asks me whether my brother had returned from Delhi

SECTION – E

(Technical Paper)

41. The sign “Compulsory Ahead or Turn Left” directs traffic to
    (a) Move straight or turn left
    (b) Turn right only
    (c) Stop immediately
    (d) Move in any direction freely

42. If a driving licence is lost, mutilated or destroyed, the holder must
    (a) Report only to the police station
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    (b) Form 1-A
    (c) Form 5
    (d) Form 4

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    (c) On the side walls of tunnels
    (d) Across the road before zebra crossings and intersections

52. A solid continuous yellow line painted on the kerb indicates
    (a) Speed limit zone
    (b) Overtaking zone
    (c) Pedestrian crossing
    (d) No-parking area

53. Lane driving is considered as
    (a) Complicated and unsafe
    (b) One of the easiest and safest methods of driving
    (c) Useful only on highways
    (d) Effective only for experienced drivers

54. The safest way to avoid crashes is
    (a) Driving at high speed
    (b) Stick to your lane
    (c) Honking continuously
    (d) None of the above

55. The “No Entry” sign indicates
    (a) Vehicles must slow down
    (b) Pedestrians only zone
    (c) Parking is allowed
    (d) Entry is prohibited for all vehicles

56. Who else must wear a helmet besides the rider ?
    (a) Only children
    (b) Only professional drivers
    (c) The pillion rider
    (d) No one else

57. A helmet should meet
    (a) International Driving Standards
    (b) ISI (Indian Standards Institute) requirements
    (c) Traffic police approval only
    (d) Manufacturer's warranty

58. Under which Section of the Motor Vehicles Act, 1988 is the renewal of a driving licence mentioned ?
    (a) Section 15
    (b) Section 10
    (c) Section 12
    (d) Section 18

59. The registration number of vehicle must be displayed
    (a) On the dashboard only
    (b) Only inside the vehicle
    (c) Prominently on front and rear in the prescribed manner
    (d) None of the above

60. A Driver should not drive a vehicle if
    (a) The vehicle is insured
    (b) The driver is under the influence of drinks/drugs to an extent that control is impaired
    (c) The driver has a valid licence
    (d) The registration number is displayed correctly

61. Where should the ONE WAY sign be located ?
    (a) At the end of the street
    (b) At bus stops
    (c) At parking areas
    (d) At the entry to the one-way street

62. According to the speed limit sign, what should a driver always remember ?
    (a) To drive faster than others
    (b) The limit specified must be followed to avoid penal action
    (c) To ignore traffic lights
    (d) To use the horn at turns

63. The “Pedestrians only” sign means
    (a) Vehicles are allowed with pedestrians
    (b) Only buses are allowed
    (c) Only bicycles are allowed
    (d) Only pedestrians are allowed and traffic is not allowed

64. If a vehicle has yellow fog lights, drivers should
    (a) Use them in fog
    (b) Avoid using them
    (c) Use them only at night
    (d) None of the above

65. Yellow fog lights should be used at
    (a) Blind corners
    (b) Straight roads
    (c) Parking areas
    (d) Toll gates

66. An application for renewal of a driving licence must be made in
    (a) Form 4
    (b) Form 5
    (c) Form 9
    (d) Form 1-A

67. Before getting into the vehicle, a driver must check possession of
    (a) Only the insurance policy
    (b) Valid licence, registration certificate, inspection certificate and insurance policy
    (c) Vehicle keys only
    (d) Pollution certificate only

68. The first step when injuries result from a traffic accident is to
    (a) Drive away quickly
    (b) Only check vehicle damage
    (c) Wait for others to arrive
    (d) Look over the injured and call ambulance and police services

69. The most important factor in driving is
    (a) Parts of the vehicle
    (b) The driver himself
    (c) The speed of the vehicle
    (d) None of the above

70. Which of the following is included in the 4 E's of crash prevention ?
    (a) Education
    (b) Employment
    (c) Entertainment
    (d) Economics

71. Under which Section of the Motor Vehicles Act,1988 is driving under the influence of alcohol or drugs punishable ?

(a) Section 177
(b) Section 129
(c) Section 194
(d) Section 185

72. Driving becomes more dangerous when the driver is not

(a) Mechanically skilled
(b) At his physical and mental best
(c) Using a modern vehicle
(d) Wearing protective gear

73. All traffic must keep at which direction ?

(a) Follow only traffic signals
(b) Keep to the left
(c) Drive in the middle of the road
(d) None of the above

74. A driver must produce his/her driving licence

(a) Only when renewing registration
(b) Only when buying fuel
(c) On demand for examination by a Police Officer in uniform
(d) None of the above

75. Vehicles displaying “L” plates are

(a) Driven by professional drivers
(b) Used only for heavy vehicles
(c) Reserved for emergency vehicles
(d) Driven by learners and inexperienced drivers

76. The “Restriction Ends” sign indicates

(a) Beginning of a no-parking zone
(b) Any restriction conveyed through sign on road ends here
(c) Start of a speed limit zone
(d) Entry into a restricted area

77. The “Side Road Right” sign specifically indicates

(a) A pedestrian crossing ahead

(b) A side road joining from the right

(c) A tunnel ahead

(d) A parking zone nearby

78. The “Petrol Pump” informatory sign indicates

(a) A hospital nearby

(b) A speed limit zone

(c) A parking area ahead

(d) A petrol pump ahead

79. Work zone signs are provided to

(a) Indicate parking areas

(b) Guide traffic through highway construction or maintenance zones

(c) Show tourist spots

(d) Display speed limits only

80. When are Cautionary/Warning signs provided on roads ?

(a) After the hazard has passed

(b) At parking zones

(c) Only at petrol pumps

(d) Before the hazard on or near the road

81. If a fire service vehicle, ambulance or police car with siren is approaching, you must

(a) Stop in the middle of the road

(b) Ignore the siren

(c) Slow down to block the way

(d) Allow them free passage by driving to the side

82. When it rains, drivers should
    (a) Drive faster to clear traffic
    (b) Drive slowly, keep longer distance between the vehicle in front and give way to pedestrians
    (c) Ignore pedestrians and maintain speed of the road
    (d) None of the above

83. On winding hill roads during rain, drivers should
    (a) Stay close to the outside edge
    (b) Avoid getting too close to the outside edge due to landslide risk
    (c) Drive faster to avoid landslides
    (d) Stop immediately on the edge

84. If the inside glass fogs up, drivers should
    (a) Ignore it and continue driving
    (b) Clean with dry cloth, open side window and use heater if available
    (c) Splash water on the glass
    (d) None of the above

85. No rider should enter a road without
    (a) Gloves
    (b) Boots
    (c) A jacket
    (d) A helmet

86. What does the “Horn Prohibited” sign instruct drivers to do ?
    (a) Use horn only at night
    (b) Use horn near hospitals
    (c) Respect the silence zone and not use horn
    (d) Honk continuously

87. The traffic signal indicated on the road consists of how many colours ?

(a) Three

(b) Two

(c) Four

(d) Five

88. A learner's license is valid for a period of

(a) 3 months

(b) 2 years

(c) 1 year

(d) 6 months

89. How will the duplicate licence be marked when issued ?

(a) Copy

(b) Temporary

(c) Second licence

(d) Duplicate

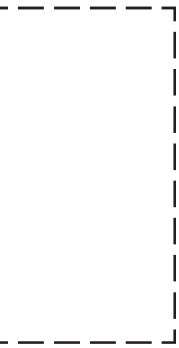
90. What is the purpose of the "GIVE WAY" sign ?

(a) To indicate road construction

(b) To assign right-of-way to traffic

(c) To allow parking

(d) None of the above



Answer Key for AEM – 26 (Set – A)			
Question No.	**Ans. Key**	**Question No.**	**Ans. Key**
1	a	51	a
2	c	52	d
3	c	53	a
4	a	54	c
5	c	55	c
6	c	56	c
7	c	57	b
8	c	58	d
9	a	59	b
10	d	60	b
11	d	61	a
12	b	62	d
13	c	63	a
14	c	64	c
15	b	65	b
16	b	66	c
17	b	67	c
18	a	68	b
19	c	69	b
20	d	70	d
21	c	71	b
22	c	72	a
23	b	73	d
24	d	74	b
25	d	75	a
26	d	76	b
27	c	77	a
28	d	78	a
29	d	79	b
30	c	80	b
31	d	81	d
32	d	82	c
33	a	83	d
34	d	84	b
35	b	85	a
36	a	86	b
37	a	87	b
38	b	88	a
39	a	89	a
40	a	90	c
41	a	91	b
42	a	92	d
43	d	93	d
44	d	94	a
45	c	95	c
46	b	96	a
47	d	97	d
48	b	98	d
49	c	99	c
50	a	100	b

Answer Key for AEM – 26 (Set – B)			
Question No.	**Ans. Key**	**Question No.**	**Ans. Key**
1	c	51	b
2	c	52	a
3	b	53	d
4	d	54	b
5	d	55	a
6	b	56	c
7	b	57	c
8	a	58	b
9	c	59	b
10	d	60	d
11	a	61	a
12	c	62	d
13	c	63	a
14	a	64	c
15	c	65	c
16	d	66	a
17	b	67	d
18	c	68	a
19	c	69	c
20	b	70	b
21	c	71	c
22	c	72	b
23	c	73	d
24	a	74	b
25	d	75	b
26	a	76	b
27	a	77	d
28	a	78	b
29	d	79	a
30	a	80	a
31	b	81	d
32	a	82	a
33	b	83	c
34	a	84	b
35	d	85	a
36	c	86	c
37	b	87	d
38	d	88	c
39	a	89	b
40	d	90	b
41	d	91	a
42	c	92	b
43	d	93	b
44	d	94	a
45	b	95	c
46	c	96	d
47	a	97	d
48	d	98	d
49	c	99	a
50	d	100	b

Answer Key for AEM – 26 (Set – C)			
Question No.	**Ans. Key**	**Question No.**	**Ans. Key**
1	d	51	a
2	b	52	d
3	c	53	a
4	c	54	c
5	b	55	b
6	a	56	a
7	c	57	d
8	c	58	a
9	a	59	c
10	c	60	c
11	c	61	b
12	c	62	a
13	b	63	d
14	d	64	b
15	d	65	a
16	c	66	c
17	c	67	b
18	c	68	d
19	a	69	b
20	d	70	b
21	b	71	c
22	b	72	c
23	a	73	b
24	c	74	b
25	d	75	d
26	d	76	a
27	a	77	c
28	d	78	b
29	a	79	c
30	a	80	d
31	a	81	d
32	d	82	c
33	d	83	b
34	c	84	b
35	d	85	b
36	d	86	a
37	b	87	b
38	c	88	a
39	a	89	d
40	b	90	d
41	a	91	b
42	d	92	d
43	c	93	a
44	b	94	d
45	d	95	a
46	c	96	b
47	d	97	a
48	a	98	c
49	b	99	b
50	a	100	a

Answer Key for AEM – 26 (Set – D)			
Question No.	**Ans. Key**	**Question No.**	**Ans. Key**
1	c	51	c
2	c	52	b
3	c	53	d
4	a	54	b
5	d	55	b
6	c	56	b
7	c	57	a
8	b	58	d
9	d	59	b
10	d	60	a
11	b	61	c
12	b	62	c
13	a	63	b
14	c	64	b
15	d	65	d
16	a	66	a
17	c	67	d
18	c	68	a
19	a	69	c
20	c	70	c
21	d	71	a
22	b	72	d
23	c	73	a
24	c	74	c
25	b	75	b
26	d	76	b
27	c	77	a
28	d	78	d
29	b	79	c
30	a	80	b
31	d	81	b
32	b	82	a
33	c	83	a
34	a	84	d
35	d	85	a
36	c	86	c
37	d	87	b
38	a	88	c
39	a	89	d
40	a	90	a
41	d	91	c
42	d	92	b
43	a	93	d
44	d	94	b
45	a	95	b
46	b	96	a
47	a	97	a
48	d	98	b
49	c	99	d
50	b	100	d

Answer Key for BEM-26 (Set-A)			
Question No.	**Answer Key**	**Question No.**	**Answer Key**
1	c	46	d
2	c	47	b
3	a	48	d
4	c	49	a
5	d	50	a
6	a	51	a
7	c	52	c
8	c	53	b
9	a	54	d
10	c	55	a
11	d	56	d
12	c	57	b
13	c	58	b
14	d	59	c
15	a	60	d
16	c	61	d
17	a	62	b
18	b	63	b
19	a	64	b
20	c	65	d
21	a	66	c
22	c	67	b
23	a	68	a
24	c	69	c
25	c	70	b
26	a	71	a
27	a	72	b,d
28	a	73	d
29	b	74	c
30	a	75	d
31	a	76	c
32	a	77	b
33	b	78	d
34	a	79	b
35	b	80	a
36	c	81	d
37	d	82	d
38	c	83	b
39	b	84	b
40	c	85	d
41	c	86	b
42	a	87	b
43	d	88	d
44	d	89	b
45	b	90	d

Answer Key for BEM-26 (Set-B)			
Question No.	**Answer Key**	**Question No.**	**Answer Key**
1	c	46	c
2	c	47	a
3	d	48	d
4	a	49	d
5	a	50	b
6	c	51	a
7	a	52	b,d
8	c	53	d
9	c	54	c
10	c	55	d
11	a	56	d
12	c	57	b
13	d	58	d
14	c	59	a
15	a	60	a
16	c	61	d
17	c	62	d
18	d	63	b
19	a	64	b
20	b	65	d
21	a	66	a
22	a	67	c
23	c	68	b
24	a	69	d
25	b	70	a
26	a	71	b
27	a	72	b
28	c	73	d
29	a	74	b
30	c	75	d
31	c	76	d
32	c	77	b
33	b	78	b
34	a	79	c
35	a	80	d
36	d	81	c
37	b	82	b
38	c	83	d
39	a	84	b
40	b	85	a
41	c	86	d
42	b	87	b
43	a	88	b
44	c	89	b
45	b	90	d

Answer Key for BEM-26 (Set-C)			
Question No.	**Answer Key**	**Question No.**	**Answer Key**
1	a	46	d
2	c	47	d
3	c	48	b
4	c	49	b
5	c	50	d
6	c	51	d
7	a	52	b
8	c	53	b
9	d	54	c
10	a	55	d
11	a	56	a
12	c	57	b,d
13	a	58	d
14	b	59	c
15	d	60	d
16	c	61	a
17	a	62	c
18	c	63	b
19	c	64	d
20	d	65	a
21	b	66	b
22	a	67	b
23	a	68	d
24	c	69	b
25	a	70	d
26	a	71	d
27	c	72	b
28	a	73	d
29	a	74	a
30	c	75	a
31	b	76	c
32	c	77	b
33	c	78	a
34	c	79	c
35	b	80	b
36	a	81	c
37	b	82	a
38	d	83	d
39	a	84	d
40	a	85	b
41	d	86	c
42	b	87	b
43	b	88	d
44	b	89	b
45	d	90	a

Answer Key for BEM-26 (Set-D)			
Question No.	**Answer Key**	**Question No.**	**Answer Key**
1	d	46	a
2	a	47	c
3	a	48	b
4	c	49	d
5	a	50	a
6	c	51	d
7	c	52	d
8	c	53	b
9	c	54	b
10	c	55	d
11	c	56	c
12	d	57	b
13	a	58	a
14	c	59	c
15	a	60	b
16	b	61	d
17	d	62	b
18	c	63	d
19	a	64	a
20	c	65	a
21	c	66	c
22	a	67	b
23	b	68	d
24	a	69	b
25	a	70	a
26	c	71	d
27	a	72	b
28	c	73	b
29	a	74	c
30	a	75	d
31	a	76	b
32	b	77	b
33	a	78	d
34	a	79	b
35	d	80	d
36	b	81	d
37	c	82	b
38	c	83	b
39	c	84	b
40	b	85	d
41	a	86	c
42	b,d	87	a
43	d	88	d
44	c	89	d
45	d	90	b