A

Series **A**

CODE : MD1

Write here Roll Number and Answer Sheet No.

Question Booklet Sl. 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 will be no negative mark 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 English	1-25	5-7
B	Elementary Mathematics	26-50	8-9
C	General Knowledge	51-75	10-12
D	Subject	76-100	13-15

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 **16** 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 Blue / 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 English)

Direction (Q. No. 1 and 2) : Choose the appropriate synonym of the given word from the alternatives given below them.

1. Deceit
   (a) attach (b) fraud
   (c) smoothness (d) proportion

2. Kinship
   (a) relationship (b) merciful
   (c) arraign (d) sturdy

Direction (Q. No. 3 and 4) : Give one word substitutes for the following.

3. One who leaves his country to settle elsewhere.
   (a) Infallible (b) Emigrant
   (c) Stoic (d) Alien

4. One who looks at the bright side of things.
   (a) Immigrant (b) Theist
   (c) Fatalist (d) Optimist

Direction (Q. No. 5 and 6) : Fill in the blanks with suitable collective nouns from the given choices.

5. A _____ of elephants.
   (a) herd (b) bunch
   (c) crowd (d) posse

6. A _____ of musicians.
   (a) team (b) band (c) peal (d) clutch

Direction (Q. No. 7 and 8) : Fill in the blanks with appropriate phrasal verbs from the alternatives given below them.

7. The wind has blown _____ the candle.
   (a) off (b) out (c) up (d) with

8. Please come _____ from the tree.
   (a) down (b) up (c) off (d) round

Direction (Q. No. 9 and 10) : Fill in the blanks with suitable idiomatic expressions from the alternatives given below them.

9. He is very lazy and would go out for a walk _____.
   (a) once in a blue moon (b) over the moon
   (c) a snake in the grass (d) feet of clay

10. Even great men have _____, for they are, after all, human beings.
   (a) a snake in the glass (b) a cold fish
   (c) over the moon (d) feet of clay

Direction (Q. No. 11 – 13) : Fill in the blanks with appropriate articles from the alternatives given below them.

11. I found _____ inkpot lying in the room.
   (a) the (b) an
   (c) a (d) no article required

12. _____ word to the wise is sufficient.
   (a) A (b) An
   (c) The (d) None of these

13. _____ Bombay is a big city.
   (a) A (b) An
   (c) The (d) No article required

Direction (Q. No. 14 and 15) : Fill in the blanks with appropriate prepositions from the alternatives given below them.

14. We jumped _____ the icy cold water.
   (a) into (b) on (c) in (d) to

15. The boy I was speaking _____ just now is in my class.
   (a) with (b) to (c) of (d) for

Directions (Q. No. 16 and 17) : Fill in the blanks with appropriate modals from the alternatives given below them.

16. I _____ buy a car next year.
   (a) shall (b) used to (c) ought (d) dare

17. _____ you lend me your book for some days ?
(a) Could (b) Might
(c) Would (d) May

Directions (Q. No. 18 – 20) : Choose the correct spelling from the alternatives given below them.

18. (a) adress (b) address
(c) adres (d) adras

19. (a) corelative (b) correlative
(c) corilative (d) coreletive

20. (a) battle (b) bettle
(c) batlle (d) batle

Directions (Q. No. 21 and 22) : Fill in the blanks with right form of the verb from the alternatives given below them.

21. The boy with his parents _____ arrived.
(a) has (b) is (c) have (d) does

22. People _____ shouting slogans.
(a) is (b) was (c) were (d) do

23. Choose the appropriate antonym of the given word from the alternatives given below it.
Coarse
(a) refined (b) rebuff
(c) vigilant (d) detest

24. Fill in the blank with appropriate question tags from the alternatives given below it.
He was a great artist, _____ ?
(a) was he (b) wasn't he
(c) is he (d) does he

25. Fill in the blank with appropriate conjunctions from the alternatives given below it.
He is not only honest, _____ hard working.
(a) not only (b) neither
(c) but also (d) nor

SECTION – B
(Elementary Mathematics)

26. $3034 - \left(\frac{1002}{20.04}\right) = ?$

(a) 104 (b) 201 (c) 2984 (d) 2800

27. Which of the following is greater than $\frac{3}{4}$ and less than $\frac{5}{6}$?

(a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{4}{5}$ (d) $\frac{9}{10}$

28. How much less is 28 km than 49.5 km ?

(a) 20.5 km (b) 22.5 km (c) 21.5 km (d) 19.5 km

29. The least number which should be added to 2497 so that the sum is exactly divisible by 5, 6, 4 and 3 is

(a) 33 (b) 13 (c) 3 (d) 23

30. The largest 2 digit number is

(a) 9 (b) 99 (c) 90 (d) 19

31. The largest chord in a circle is its

(a) radius (b) diameter
(c) both (a) and (b) (d) none of these

32. The value of 18960 – 17970 is

(a) 980 (b) 909 (c) 99 (d) 990

33. A tailor stitches a skirt in 4 metres of cloth. The number of skirts that can be stitched in 80 metres is

(a) 200 (b) 22 (c) 20 (d) 40

34. The side of an equilateral triangle is 5 cm, then its perimeter is

(a) 10 cm (b) 20 cm (c) 15 cm (d) 25 cm

35. Which of the following is a prime number ?

(a) 97 (b) 81 (c) 93 (d) 33

36. If a quarter kg of potato costs 60 paise, how many paise will 200 gm cost ?

(a) 54 paise (b) 48 paise
(c) 56 paise (d) 72 paise

37. 1 lakh is made up of
(a) 1000 hundreds (b) 100 hundreds
(c) 10000 hundreds (d) none of these

38. The value of 12×50 =
(a) 6000 (b) 60 (c) 600 (d) 1250

39. HCF of 21 and 35 is
(a) 21×35 (b) 35 (c) 21 (d) 7

40. The value of 0.5×0.05 is
(a) 0.25 (b) 2.50 (c) 25 (d) 0.025

41. If L = 50 and C = 100, then 150 in Roman numerals is
(a) LC (b) CL (c) LLL (d) none of these

42. One fourth of 100 is
(a) 400 (b) 25 (c) $\frac{1}{4}$ (d) none of these

43. Forty thousands two hundred and four is
(a) 4204 (b) 42004 (c) 400204 (d) 40204

44. The predecessor of 10000 is
(a) 999 (b) 9999 (c) 9990 (d) none of these

45. The least integer which when divided by 18, 24 and 56 leaves no remainder is
(a) 405 (b) 400 (c) 500 (d) 504

46. Area of a rectangle of length 10 cm and breadth 5 cm is (in cm^2)
(a) 30 (b) 50 (c) 25 (d) none of these

47. $3 \div 1\frac{1}{2}$ =
(a) 2 (b) $\frac{1}{2}$ (c) 6 (d) $\frac{1}{6}$

48. The obtuse angle among the options is
(a) 60° (b) 59° (c) 89° (d) 91°

49. A's age is 10 yrs and B is 5 yrs older than A. Age of B is
(a) 25 yrs (b) 5 yrs (c) 50 yrs (d) 15 yrs

50. The average of 15, 20 and 31 is
(a) 22 (b) 21 (c) 33 (d) 25

SECTION – C
(General Knowledge)

51. Which of the following city lies on the bank of the river Vishwamitri ?
(a) Vadodara (b) Surat
(c) Dharwad (d) None of the above

52. Philately is the study of
(a) Old newspapers (b) Cryptic languages
(c) Postage stamps (d) None of the above

53. In India, the Chairman of Inter-State Council is
(a) Union Home Minister (b) President
(c) Prime Minister (d) None of the above

54. According to 2011 census, which of the following State has highest literacy rate in India ?
(a) Maharashtra (b) Karnataka
(c) Kerala (d) None of the above

55. What is the long form of NITI Aayog ?
(a) National Institution for Talent India
(b) National Institution for Transforming India
(c) National Innovation for Transforming India
(d) None of the above

56. The Book 'An Area of Darkness' is written by
(a) Kuldip Nayar (b) V. S. Naipaul
(c) Narendra Modi (d) None of the above

57. Which of the following Article deals with the provision of Annual Financial Statement (Budget) in the Constitution of India ?
(a) 108 (b) 110
(c) 111 (d) 112

58. Chairman of Rajya Sabha submits his resignation letter to
(a) Prime Minister (b) Deputy Chairman of Rajya Sabha
(c) Speaker of Lok Sabha (d) President

59. International Day of the World's Indigenous Peoples celebrated every year on
(a) 12th March (b) 15th June
(c) 18th February (d) 9th August

60. Bharat Ratna Awardee, popularly known as the 'Bard of Brahmaputra'
(a) A. B. Vajapayee (b) Pranab Mukherjee
(c) Bhupen Hazarika (d) None of the above

61. Which of the following Vitamin helps in blood clotting ?
(a) Vitamin K (b) Vitamin B
(c) Vitamin C (d) None of the above

62. The evaporation of excess water from the surface of a leaf, through the stomata is known as
(a) Imbibition (b) Osmatic pressure
(c) Transpiration (d) None of the above

63. An island nation Maldives, is in
(a) Southern Ocean (b) Atlantic Ocean
(c) Indian Ocean (d) None of the above

64. Which of the following is/are active fold mountains ?
(a) Andes (b) Himalayas
(c) Alps (d) All of the above

65. Chairman of 15th Finance Commission of India is
(a) N. K. Singh (b) D. K. Joshi
(c) Praful Patel (d) Smitha Sabharwal

66. Which of the following is/are major east flowing rivers ?
(a) Cauvery River
(b) Godavari River
(c) Krishna River
(d) All of the above

67. Section 124 A of Indian Penal Code is associated with the offence of
(a) Child sex abuse
(b) Domestic violence
(c) Women and child trafficking
(d) Sedition

68. Valley of Flowers National Park is situated in
(a) Uttarakhand (b) Sikkim
(c) Manipur (d) None of the above

69. The FIFA World Cup 2022 will be in
(a) Japan (b) France
(c) India (d) Qatar

70. What is the official currency of Bhutan ?
(a) Bhutan Yen (b) Bhutan Ngultrum
(c) Bhutan Rupees (d) None of the above

71. Biogas mainly consists of
(a) Butane (b) Carbon dioxide
(c) Methane (d) Ethane

72. The highest gallantry award in India is
(a) Param Visisht Seva Medal (b) Param Vir Chakra
(c) Bharat Ratna (d) Ashoka Chakra

73. Bamboo belongs to the family of
(a) Bushes (b) Small trees
(c) Grass (d) Herbs

74. Which of the following places the Orchid Research Centre is located in Arunachal Pradesh ?
(a) Tipi (b) Seppa
(c) Tissa (d) Sessa

75. P. Nobin Jomoh is associated with which game ?
(a) Karate (b) Badminton
(c) Boxing (d) Rowing

SECTION – D
(Subject)

76. The full form of HMV is
(a) Heavy Motor Vehicle (b) High Motor Vehicle
(c) High Meter Vehicle (d) None of the above

77.  represents
(a) Parking prohibited (b) Parking infront
(c) Parking on both sides (d) None of these

78. Which safety device should be used while driving a two-wheeler ?
(a) Helmet (b) Seatbelt
(c) Airbags (d) None of the above

79. According to the _____, a valid driving licence is necessary to drive any motor vehicle on public roads.
(a) Motor Bike Act, 1998 (b) Motor Vehicle Act, 1988
(c) Motor Car Act, 1988 (d) Motor Vehicle Act, 1998

80. Which of the following is not a traffic sign ?
(a) Mandatory/regulatory signs (b) Cautionary signs
(c) Movement signs (d) Information signs

81. Sign of  informs about
(a) danger due to farm animals (b) danger due to light
(c) danger due to forest (d) none of the above

82. Right/Left Hand Curve sign is used where the direction of alignment
(a) does not change (b) changes
(c) is straight (d) none of the above

83. Narrow road sign is normally found
(a) in rural areas (b) in urban area
(c) in city area (d) none of the above

84. International Driving Licence is valid for
(a) 4 years (b) 2 years (c) 3 years (d) 1 year

85. Permanent driving licence is issued to those who become eligible for it after _____ days from the date of issue of the learner licence.
(a) 180 (b) 90 (c) 60 (d) 30

86. Rash driving is punishable under Section _____ of IPC.
(a) 304 (b) 336 (c) 279 (d) 258

87. The following sign represents



(a) First aid post (b) Resting place (c) Hospital (d) Sleeping place

88. Following sign limits the _____ of the vehicle.



(a) Speed (b) Height (c) Load (d) Width

89. An application for temporary registration shall be made in _____ of the Central Motor Vehicle Rules, 1989 prescribed for Registration.
(a) Form 12 (b) Form 15 (c) Form 18 (d) Form 20

90. Information signs are given in
(a) Red circle (b) Red triangle (c) Black circle (d) Blue rectangle

91. Which among the color is not used in traffic signal ?
(a) Red (b) Green (c) Blue (d) Yellow

92. Validity of learners driving licence is
(a) Till the driving licence is obtained (b) 6 months
(c) 30 days (d) None of the above

93. Which among the following documents is not mandatory to carry while driving ?
(a) Licence (b) Insurance certificate
(c) Pollution control certificate (d) Voter id

94.  indicates

(a) Parking lot scooters and motor cycles
(b) Scooters and motor cycles prohibited
(c) Scooters and motor cycles repairing
(d) None of these

95. This sign represents 

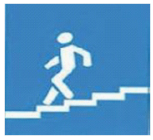
(a) Zigzag road (b) Rumble strip (c) Ghat road (d) Barrier ahead

96. Pedestrians should always cross the road using _____ crossing.
(a) footpath (b) side road (c) main road (d) zebra

97. The following sign represents 

(a) Right turn prohibited
(b) Sharp curve to the right
(c) U-turn prohibited
(d) None of these

98. STOP sign is having
(a) Triangular shape
(b) Circular shape
(c) Octagonal shape
(d) Any shape

99.  indicates

(a) Zebra crossing
(b) Tunnel ahead
(c) Pedestrian subway
(d) None of these

100. This sign prohibits 

(a) All vehicles (b) Trucks (c) Rickshaws (d) None of these

