Seat No.

0 5 0 1

Set **A**

| Paper No. I | **Medium : English** | Time : 11:00 to 12:30 |
| Pages : 16 | First Language and Mathematics | Total Marks : 150 |

Read the following instructions carefully before you answer the questions.

(1) This question paper contains two sections. In Section **I** there are **1** to **25** questions of First Language and in Section **II** there are **26** to **75** questions of Mathematics. All **75** questions are compulsory.

(2) All questions carry **2** marks each.

(3) Time limit to solve the question paper is **90** minutes.

(4) Separate answer sheet is given to record the answers. Each question has been given four alternatives. Read them carefully. Select and shade the correct answer in the answer sheet.

Example :- If the correct alternative for Q. No. 6 is 2, then record your answer as follows :

Question No. 6 - ①●③④

(5) Answer recorded in any other form will not be considered. Such answer will be credited **SEAL** 'Zero' mark.

(6) Use blue or black ball pen to darken the circle. Circles darkened by pencil will not be credited.

(7) If more than one circles are darkened or overwriting is done, the answer will not be accepted.

(8) Answer once recorded can not be changed.

(9) The rough work is to be done in the space given under each page or on the last page of the question paper.

(10) The exam has limited time, in case you are not able to solve a question, kindly solve the next question. In the end if time permits you can try to solve the unsolved questions.

(11) If you find any question incomplete or with error, then do not ask anything to the Supervisor or Centre Incharge.

(12) For any error / mistake / objection issues, school or parents should not send written application to Block Education Officer or Education Officer. These error / mistake / objection issues should be register online through respective school login only.

(13) The error / mistake / objection issues should be register online within 10 - days from the publication of Interim answer key on MSCE website.

(14) Suggestion & decision of expert committee will be applicable on printing or any other mistake in question paper.

SECTION-I
ENGLISH

1. Choose any one correct alternative. It was a .... victory.

  (1) Glory   (2) Glorification

  (3) Glorify   (4) Glorious

2. Complete the pie-chart. Find the odd man out.

  1 unique   2 undo   3 unknown   4 unbelievable

  (← un)

  (1) 2   (2) 1   (3) 3   (4) 4

3. Replace the phrase of same meaning for the underlined idiom. Choose one correct alternative. It was a great opportunity that comes <u>once in a blue moon</u>.
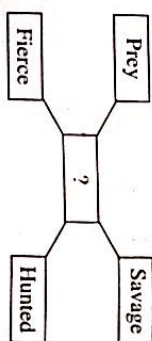
  (1) To take a chance   (2) The moon is blue

  (3) Once in a while   (4) Not to miss the sight of the moon

4. Choose the correct option of compound word.

  (1) Angel   (2) Famous

  (3) Jumping   (4) Snowman

5. Find the correct 'wh' word to get an underline part as an answer. My Mother decided to hold <u>a grand feast</u> on the eve of my birthday.

  (1) What   (2) Which

  (3) Who   (4) Why

SPACE FOR ROUGH WORK

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6. Complete the web by choosing one alternative.

  Prey   Fierce   ?   Savage   Hunted

  (1) tamed animals   (2) timid animals

  (3) wild animals   (4) domestic animals

7. Fill in the blank with correct option

  .... it rain everyday ?

  (1) Do   (2) Can

  (3) Did   (4) Does

8. Choose one correct alternative to complete the following sentence.

  A bee is small. A fly is .... than a bee. An ant is the .... of the three.

  (1) Smallest, smaller   (2) Smaller, smallest

  (3) Small, smaller   (4) Smaller, small

9. Choose one correct option. Where should we place full stop in the following sentence ? Be careful The house is haunted.

  (1) After 'careful'   (2) Before 'careful'

  (3) After 'house'   (4) After 'is'

SPACE FOR ROUGH WORK

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Instructions for Question 10 and 11 : Read the following procedure of making the paper boat and choose the correct option.

Make the Paper boat Yourself.

(1) Spread out a rectangular piece of paper.

(2) Fold the sheet of paper in half from top to bottom to create a horizontal crease in the middle.

(3) Fold the top corners in towards the middle.

(4) Fold the Flaps at the bottom of the triangle.

(5) Pull out the middle of the square.

(6) Press and open out from the bottom to make the shape of the boat.

10. Which action is mentioned in the 5th step ?

(1) Spread   (2) Hold   (3) Pull out   (4) Fold

11. To make a paper boat, we need a .... sheet of paper.

(1) rectangular   (2) Circle   (3) Triangle   (4) Oval

Instruction for Question 12 and Question 13. Read the following story and choose one alternative Many many years ago, people did not have warm cosy houses like ours to live in. They lived in caves where it was both dark and cold. Once there was a storm. Due to lightening, the tree caught fire. It happened to fall near a cave where some of the cave people were hiding. They were frightened and huddled together. When the storm was over they came out and noticed the burning tree. One of them took a burning branch and dragged it into the cave. It made the cave warm and bright. They made fire with dried twigs and leaves. After that fire became a great blessing to man.

12. From the above story, we learn that necessity is ....

(1) Human nature   (2) Mother of all inventions

(3) Luxury   (4) Unending

13. What did they take into the cave after the storm ?

(1) People   (2) The tree   (3) Dried twigs   (4) Burning branch

SPACE FOR ROUGH WORK

Instructions for Question 14 and Question 15 : Read the advertisement below and choose the correct option.

Available on rent Fully Furnished
Three Bedroom Flat in Dwarka

* 24 hours water and electricity supply.

* A drawing hall, balcony on both sides.

* Generator back-up.

* Parking facility available.

* Nearest Metro Station just 1 km away.

* Negotiable Rent.

* Contact-: Mr. Chand M.V.
     Real Estate Consultant.

14. The above advertisement is for ....

(1) Selling the house   (2) Reconstructing the house

(3) Mortgaging the house   (4) Renting the house.

15. How many bedrooms the flat have in the above mentioned advertisement ?

(1) 2   (2) 3   (3) 1   (4) 4

16. Choose one alternative. Fill in the blank with correct word. When I went outside early in the morning. The .... on the grass made my shoes wet.

(1) do   (2) due   (3) dew   (4) dam

17. Choose one alternative. Seeta said that she liked to combine both the instrumental and vocal music. That means she wanted to become ....

(1) Reporter   (2) Editor

(3) Music composer   (4) Singer

SPACE FOR ROUGH WORK

Instruction for Question No. 18 and 19 : Read the poem and choose one correct alternative.

Our life is like a thorny rose
Not perfect but beautiful.
The thorny rose represents the hardships
While petals represent fun and beautiful things
As a young rose is hugging round the seeds
We are protected around family and friends.

18. Choose one correct alternative.
    If thorn : hardships; then petals : ....
    (1) Beautiful things in life   (2) Redish
    (3) Tiny   (4) Problem

19. In the above poem, life is compared with ....
    (1) Garden   (2) Rose petals
    (3) Rose bouquets   (4) A thorny rose

20. Choose one correct alternative of underlined word.
    My mother said, "Your Harish uncle has got Ph.D. in physics. Congratulate him for that".
    (1) Doctor of philosophy   (2) Doctor in physics
    (3) Philosophy of Doctor   (4) Master in physics

21. Choose one alternative. How many non-English words are there in following sentence ?
    While having tiffin in the verandah of my home, I spilled Bhaji on my sari and had to go to gymkhana in same attire.
    (1) 2   (2) 4   (3) 3   (4) 1

22. Choose one alternative to complete the sentence.
    Look at the map .... you'll get lost.
    (1) Even   (2) Otherwise   (3) What   (4) Inspite of

23. Choose one correct alternative.
    How many articles are there in given sentence ?
    I saw an owl on the tree.
    (1) 1   (2) None   (3) 2   (4) 3

Instruction for Question No. 24 and 25 : Read the letter and choose one alternative.

Dear Manoj,

We both have holiday next Monday. What do you say ? Shall we go for one day picnic to Mulashi. We can start early at 6 am in my car. It would be a change from this heat down here. If you agree, I will arrange the picnic. Let me know about the confirmation. Please bring your camera with you.

Yours,
Harsh

24. Choose one alternative.
    The letter is about ....
    (1) Arranging picnic   (2) Taking the photographs
    (3) Going to school   (4) Asking about health

25. Choose one alternative.
    Name the persons who have holiday.
    (1) Harsh   (2) Harsh and Manoj   (3) Manoj   (4) Elders

SECTION-II
MATHEMATICS

26. Seventeen lakhs + seventeen + seventeen hundred + seventeen thousand + seventeen = How much ?

(1) Seventeen lakhs seventeen thousand seven hundred and seventeen

(2) Seventeen lakhs eighteen thousand seven hundred and seventeen

(3) Seventeen lakhs seventeen thousand eight hundred and seventeen

(4) Seventeen lakhs eighteen thousand eight hundred and seventeen.

27. How many years will be required to double the principle amount of Rs. 5000/- by simple interest at the rate of 4 p.c.p.a. ?

  (1) 50   (2) 5   (3) 15   (4) 20

28. What will be the product of a greatest 5 digit number and 2 digit greatest even number ?

  (1) 98 99 901   (2) 98 99 802

  (3) 97 99 804   (4) 97 99 902

29. How many days after Balika din, falls Republic Day ?

  (1) 23   (2) 24   (3) 22   (4) 26

30. Neha's father deposited Rs. 10,000/- on her 1st birthday at the rate of 8 p.c.p.a. in bank. What amount will her father receive on her 6th birthday ?

  (1) Rs. 14000   (2) Rs. 14800   (3) Rs. 15000   (4). Rs. 15800

31. 70 Hectograms = How many gms. ?

  (1) 7   (2) 70   (3) 700   (4) 7000

SPACE FOR ROUGH WORK

32. 39 students collected Rs. 525 each for picnic. It had 40 notes of Rs. 500 and remaining were Rs. 5 notes.
How many Rs. 5 notes were there ?

  (1) 95   (2) 25   (3) 45   (4) 85

33. Sunanda Tai earned a profit of Rs. 17000 by the sale of pomegranates. She had spent Rs. 7000 on plantation, Rs. 1000 for transportation, Rs. 5000 for pesticides, Rs. 3000 for labour and Rs. 1000 for transportation.
Then, find the selling price of pomegranates.

  (1) Rs. 23000   (2) Rs. 33000   (3). Rs. 1000   (4) Rs 13000

34. The breadth of a rectangle is equal to the side of a square whose perimeter is 24 cm. If the perimeter of a rectangle is 28 cm, then what will be its length ?

  (1) 4 cm   (2) 6 cm   (3) 7 cm   (4) 8cm

35. There are chairs from no. XXVII to LXVI in a row at an Auditorium. Then how many chairs are there in the row ?

  (1) 38   (2) 39   (3) 40   (4) 48

36. A number is divided by 15, the quotient is 12 and remainder O. If the same number is divided by 16, what will be remainder ?

  (1) 180   (2) 4   (3) 6   (4) 14

37. What is the difference between the number with place value of hundred and the number with a place value of one-hundredth in the number 318.43 ?

  (1) 30003   (2) 3003   (3) 300.03   (4) 299.97

SPACE FOR ROUGH WORK

38. Rutuja bought 6 kg. wheat at the rate of Rs. 35 per kg., 3 kg. jowar at the rate of Rs. 32 per kg., half kg. tea at the rate of Rs. 280 per kg. She gave a 500 rupee note to the shopkeeper. How many rupees will the shopkeeper return to her ?

(1) Rs. 446   (2) Rs. 186   (3) Rs. 54   (4) Rs. 64

39. Kolhapur–Ahmednagar bus started from Kolhapur with 25 passengers. At Karad, 12 passengers boarded the bus and 4 women got down. At Satara, 16 passengers boarded and 9 got down. At Pune, some passengers got down. If, at Ahmednagar 15 passengers were remaining, how many passengers got down at Pune ?

(1) 25   (2) 29   (3) 23   (4) 34

40. Which digits will occur in place of □ and △, respectively, in the following example ?

$$\begin{array}{r} \square\,\square\,\square \\ \times\ \triangle\,\triangle\,\triangle \\ \hline 1\ 1\ 0\ 8\ 8\ 9 \end{array}$$

(1) 3, 3   (2) 1, 9   (3) 0, 9   (4) 4, 5

41. By how much is 5% of 100 less or more than 10% of 10 ?

(1) More by 4   (2) Smaller by 4

(3) More by 5   (4) Smaller by 5

42. Identify the figure in the series.

△ △ △ △ △ △ △ △ ?

(1) △   (2) △   (3) △   (4) △ △

SPACE FOR ROUGH WORK

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43. Rohit gets a monthly salary of Rs. 18000 per month. He spends $\frac{1}{9}$ th part on petrol, $\frac{4}{9}$ th part for domestic expenses and $\frac{2}{9}$ th part on bank instalment and saves the remaining amount. How much amount does he save ?

(1) Rs. 2000   (2) Rs. 8000   (3) Rs. 4400   (4) Rs. 9000

44. Netrali purchased 2½ ltr. milk everyday for first 15 days of September. On the remaining days, she purchased 1½ lt. milk at the rate of Rs. 52 per lt. How much did she spend in the month of September ?

(1) Rs. 1320   (2) Rs. 3120   (3) Rs. 3140   (4) Rs. 2350

Question 45 and 46 : Answer the questions based on the pictorial information.

Saplings in the Nursery	No. of saplings
Rose	🪴🪴🪴
Hibiscus	🪴🪴🪴🪴
Champa	🪴🪴
Jasmine	🪴🪴🪴

Scale : 1 picture = 10 saplings

45. How many saplings are there of Hibicus, champa and Jasmine in all ?

(1) 70   (2) 80   (3) 90   (4) 110

46. How many more number of saplings are there of Rose and Jasmine than that of Hibicus ?
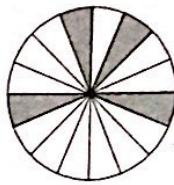
(1) 20   (2) 10   (3) 50   (4) 30

SPACE FOR ROUGH WORK

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47. $\frac{1}{5}$ of $25 + \frac{1}{2}$ of $100 = \frac{1}{5}$ of $\square$.

Write the correct number in the box.

(1) 275   (2) 55   (3) 125   (4) 250

48. What decimal fraction does the shaded portion in the following figure indicate ?

(1) $\frac{4}{16}$ (2) $\frac{1}{4}$

(3) 0.25   (4) 4.16

49. Aditya was born on Saturday 14th Jul. 2001. What was the day on his eighth birthday ?

(1) Saturday   (2) Monday   (3) Tuesday   (4) Wednesday.

50. Which symbols will occur serially in the boxes in the following expression ?

$6 \ \square \ 2 \ \square \ 10 \ \square \ 5 \ \square \ 5 = 48$

(1) $\div, -, \times, +$ (2) $\times, +, \div, -$ (3) $\div, \times, +, -$ (4) $\div, +, \times, -$

51. What will be the product of the place value of the digit in ten thousands place and the face value of the digit at the thousands place in the number 58279 ?

(1) 1000000   (2) 1000   (3) 10000   (4) 100000

52. Joseph used 20 quires out of 1 Ream for xerox. How many sheets are remaining with him ?

(1) 24   (2) 0   (3) 12   (4) 480

SPACE FOR ROUGH WORK

53. What is the sum of all divisors of 133 ?

(1) 134   (2) 145   (3) 160   (4) 151

54. How many meters should be subtracted from $10\frac{1}{2}$ m and $\frac{3}{4}$ m to get $5\frac{1}{2}$ m.

as remainder ?
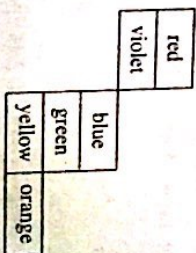
(1) 4.75 m   (2) 5.25 m   (3) 4.25 m   (4) 5.75 m

55. In a company, 95 workers work on same salary. The company needs Rs. 807500 per month for their salary. Then how much salary does every worker get ?

(1) Rs. 9500   (2) Rs. 9400   (3) Rs. 8400   (4) Rs. 8500

56. Of the following, which object will have all its surfaces in square shape ?

(1) Brick   (2) Compass box

(3) Cubical box   (4) Match box

57. If the below given figure is folded to make a cube, which colour will not come adjacent to red colour ?

(1) Blue   (2) Orange   (3) Yellow   (4) Green

SPACE FOR ROUGH WORK

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58. For the following fractions, which <, >, = of the signs will be appropriate?
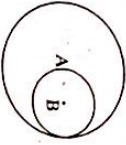
$$\frac{7}{13} \ \square \ \frac{13}{7} \ \square \ \frac{91}{49}$$

(1) <, =

(2) <, <

(3) >, =

(4) <, >

59. Sonali purchased a house at Rs. 37,50,000. She made furniture for the house worth Rs. 7,25,000. At what price should she sell the house to gain a profit of Rs. 5,25,000?

(1) Rs. 5,00,000

(2) Rs. 50,00,000

(3) Rs. 44,75,000

(4) Rs. 49,50,000

60. The diameter of a circle with center B is the radius of circle with center A. What is the length of seg. AB?

(1) 3 cm

(2) 6 cm

(3) 12 cm

(4) 2 cm

61. What is the sum of odd prime numbers between 1 to 50?

(1) 328

(2) 326

(3) 303

(4) 273

62. Dhanesh boarded a train at 11 o'clock in the afternoon, then at what time did he board a train as per 24 hour clock?

(1) 11 PM

(2) 21 o'clock

(3) 12 o'clock (at night)

(4) 23 o'clock

63. In a school, everyday 70% students out of 2300 perform Suryanamaskar. How many students do not perform Suryanamaskar?

(1) 1610
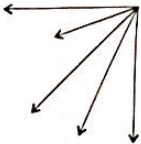
(2) 690

(3) 590

(4) 1410

SPACE FOR ROUGH WORK

64. By how much a 5 digit greatest number formed using digits 0, 2, 3, 9, 7 only once is greater than a five digit smallest number formed using the same digits?

(1) 117699

(2) 94941

(3) 76923

(4) 76941

65. Which number from the given options when divided by 5, 6, 7 will give 4 as remainder?

(1) 42

(2) 214

(3) 206

(4) 210

66. How many number of angles are there in the adjacent figure?

(1) 10

(2) 9

(3) 8

(4) 7

67. Vishwas bought 5 dozen copies at Rs. 10 per copy. 5 copies were found damaged. He sold the remaining copies at Rs. 715. In this transaction, how much profit per copy did he make?

(1) Rs. 13

(2) Rs. 3

(3) Rs. 115

(4) Rs. 12

68. $7 \times 5 - 2 \times 3 + 4 = ?$

(1) 21

(2) 67

(3) 33

(4) 147

69. The capacity of a water tank is 140 l. $\frac{4}{7}$ part of it is filled with water. How many liters of water is required to make it full?

(1) 60l.
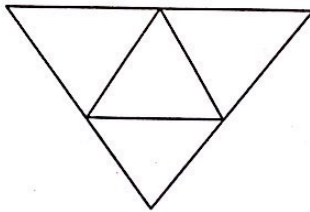
(2) 70l.

(3) 80l.

(4) 90l.

SPACE FOR ROUGH WORK

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70. Shrikant drives a vehicle at the speed of 85 . [...] many hours will he have to drive to cover a distance of 595 km, if th[...] emains the same ?

(1) 7 hrs   (2) 6 hrs   (3) 8 hrs   (4) 5 hrs

71. Deep deposited Rs. 2000 for 4 years at the rate of 8 p.c.p.a. Pari deposited Rs. 4000 for 4 years at the rate of 4 p.c.p.a. Then what will be the relation between the amount that they will receive after 4 years. ?

(1) Deep will get more than Pari   (2) Deep will get less than Pari

(3) Both will get the same amount   (4) Pari will get more than Deep

72. How many number of triangles and squares are formed in the given figure ?

(1) 4, 2   (2) 5, 5

(3) 5, 6   (4) 4, 4

73. What will be sum of first and last number if 32976, 23976, 32796, 23796 are arranged in ascending order ?

(1) 56 772   (2) 56 592   (3) 56 952   (4) 56 772

74. How many times $\frac{1}{7}$ should be added to $\frac{1}{7}$ so as to get the answer 7 ?

(1) 49   (2) 48   (3) 7   (4) 14

75. The population of Sakoli village is 1,54,389. 1, 08,457 people have mobiles. How many people do not have mobile ?

(1) 45,832   (2) 45,932   (3) 45,942   (4) 55,942

SPACE FOR ROUGH WORK