INTSO EDUCATION

MATHEMATICS TALENT SEARCH OLYMPIAD(MTSO) 2015 - 2016

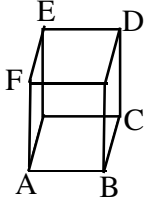|		
	STAGE - 2	**TIME** : 60 min.
CLASS : III		**Max. Marks** : 50

Instructions:

⇨ *Fill the OMR sheet completely and carefully.*

⇨ *Each question carries one mark and has only one correct answer. ¼ (one fourth) marks will be deducted for indicating incorrect response of each question.*

⇨ *The question paper contains 50 questions to be answered in 60 minutes.*

1. The place value of 4 in 5488 is [ ]
   1)) 40   2) 400   3) 4000   4) 4

2. The largest 7 digit number is [ ]
   1) 9999999   2) 8888888   3) 1000000   4) 7777777

3. The smallest 4 digit number formed by 6, 8, 9, 7 is [ ]
   1) 8976   2) 9876   3) 8769   4) 6789

4. The Hindu arabic numeral value of MDCLX is [ ]
   1) 1000   2) 1550   3) 1660   4) 1610

5. The Roman numeral value of 1250 [ ]
   1) MCCL   2) CMDC   3) DMCL   4) DDLX

6. Ina library there are 2785 mathematics books 2462 science books, and 3469 art books. The total number of books in the library is [ ]
   1) 8700   2) 7816   3) 8716   4) 9816

7. In a school 2031 students, 1286 are girls. The number boys in the school is [ ]
   1) 700   2) 845   3) 745   4) 725

8. During an official tour, a man spent Rs. 44 for food every day. The amount he spent on food if he was on tour for 26 days [ ]
   1) 1,140   2) 1,240   3) 1,244   4) 1,144

9. The product of largest 3 digit number and the largest two digit number is [ ]
   1) 98,900   2) 97,902   3) 90,091   4) 98,901

10. In a cricket match 4 players scored 344 runs. If each player scored equal runs. The runs scored by each player [ ]
    1) 76   2) 66   3) 96   4) 86

11. 5 cupcakes cost Rs. 100. The cost of 12 cupcakes is [ ]
    1) Rs. 240   2) Rs. 200   3) Rs 140   4) Rs. 180

12. Standing lines are called [ ]
    1) vertical lines   2) horizontal lines   3) curved lines   4) sleeping lines

13. Number of faces of a cylinder has [ ]
    1) 2   2) 1   3) 3   4) 0

14. Number of vertices in a cuboid is [ ]
    1) 6   2) 12   3) 8   4) 10

15. The name of the figure as shown below is   [   ]
    1) cuboid
    2) cube
    3) square
    4) pyramid

16. Sonal solves 2 sums in the morning and 4 sums in the evening out of 10 sums. The fraction of the sums does sonal complete by the end of the day   [   ]

    1) $\dfrac{5}{3}$ 2) $\dfrac{3}{5}$ 3) $\dfrac{10}{3}$ 4) $\dfrac{5}{6}$

17. There are 10 mathematics and science. If 6 out of them are science books what fraction of books are mathematics   [   ]

    1) $\dfrac{2}{5}$ 2) $\dfrac{3}{5}$ 3) $\dfrac{5}{2}$ 4) $\dfrac{5}{3}$

18. Number of millions are equal to 10 lakhs   [   ]
    1) 10   2) 1   3) 100   4) 1000

19. Number of thousands are equal to one lakh   [   ]
    1) 100 thousands   2) 50 thousands   3) 20 thousands   4) 25 thousands

20. The cost of a tray containing 24 eggs is Rs. 42. The cost of 8 eggs is   [   ]
    1) Rs. 16   2) Rs. 24   3) Rs. 14   4) Rs. 12

21. In a factory 20 workers make 360 toys in a day, working 8 hours a day, the number of toys made in a day if 5 workers on leave   [   ]
    1) 220   2) 360   3) 270   4) 320

22. 6 carpenters take 18 days to make a wooden cabinet. Number of carpenters will be needed if the work is to be finished in 6 days   [   ]
    1) 6   2) 12   3) 18   4) 24

23. There are 5 apples in a basket. Suraj ate 3 out of them. The fraction of the apples are eaten by him is   [   ]

    1) $\dfrac{5}{3}$ 2) $\dfrac{3}{5}$ 3) $\dfrac{2}{5}$ 4) $\dfrac{5}{2}$

24. The distance between the tip of the thumb and little finger after stretching is   [   ]
    1) Cubit   2) hand span   3) INCH   4) foot

25. The length fo a sari is 6 meters. Number of centimeters does it measure is   [   ]
    1) 60cm   2) 600cm   3) 6000 cm   4) 300 cm

26. Ramu travelled 25 km569 m by car on monday and 39km 746m on Tuesday. the difference in the distance travelled by him Monday and Tuesday   [   ]
    1) 14 km   2) 14 km 177m   3) 13 km166m   4) 12 km 177m

27. 5kg 255gms equals to   [   ]
    1) 5255 gms   2) 525 gms   3) 757 gms   4) 5855 gms

28. Raju purchased 4kg 400gm onions and 1kg 250gm capsicum the total weight of the vegetables purchased by Raju   [   ]
    1) 5kg650g   2) 3kg150g   3) 3kg400g   4) 4kg550g

29. The largest number that divides 249 and 309 leaving a remainder of 9   [   ]
     1) 20   2) 30   3) 40   4) 60

30. The smallest number which when divided by 39, 52 and 65 leaves a remainder of 5 in each case
     1) 685   2) 645   3) 780   4) 785   [   ]

31. Ramu's mother found that out of 15l 500ml of cooking oil . 7l has already been used how much cooking oil is left   [   ]
     1) 8l 500ml 2) 7l 500ml 3) 8l 200ml 4) 7l 200ml

32. Immediately after sunrise it is   [   ]
     1) morning   2) after noon   3) evening   4) night

33. The day which comes in between saturday and monday is   [   ]
     1) Tuesday   2) Wednesday   3) Thursday   4) Sunday

34. The number of days in July month is   [   ]
     1) 30   2) 31   3) 29   4) 28

35. Rani purchased a sweater for Rs 325.99 and a pair of trousers for Rs : 515 the total money did she spend in all is   [   ]
     1) Rs 840   2) Rs 740.99   3) Rs 840.99   4) Rs 800.99

36. Kamal won Rs . 500.50 in a lottery. If he spent Rs 299.25 on shopin , how much money is still left with him   [   ]
     1) Rs 201.25   2) Rs.301.25   3) Rs281.25   4) Rs291.25

37. An Auditorium has a seating capicity of 2050 . A school has 2750 students . The number of more chairs are required if all the students are to be seated in the auditorium.   [   ]
     1) 500   2) 600   3) 700   4) 400

38. What number should be added with 5676 to get the largest 4 digit number   [   ]
     1) 4334   2) 4332   3) 3423   4) 4323

39. In a train a meal costs Rs 125 . The total cost of '9' such meals is   [   ]
     1) Rs. 1025   2) Rs. 1125   3) Rs.1225   4) Rs. 925

40. What will be the Quotient and remainder when the largest 3 digit number is divided by the smallest 3 digit number   [   ]
     1) 99   2) 999   3) 900   4) 9

41. Number of weeks in 210 days   [   ]
     1)21   2)20   3)27   4)30

42. Rita has a ribbon of length 3m 50cm. She gave 2m 20cm to her sister Gita, the length of the ribbon left with Gita is   [   ]
     1) 1m 20cm   2) 1m30cm   3) 2m 10cm   4) 2m 20cm

43. The distance between Delhi and Kolkata is 1500km and 500m. Ram covered a distance of 500km 300m by car and remaining distance covered by train . The distance covered by Ram by train is   [   ]
     1) 1000km 200m   2) 100km 200m   3) 500km 500m   4) 1000km 300m

44. A fraction that has its numeration less than the denominator is called   [   ]
     1) Proper fraction   2) Mixed fraction   3) Improper fraction   4) none

45. A pictorial representation of numerical data is called   [   ]
     1) Pie diagram   2) bar graph   3) Pictograph   4) histogram

46. The sum of first 10 even natural numbers is   [   ]
    1) 55   2) 110   3) 75   4) 65

47. The diffrerence of two consecutive odd numbers is   [   ]
    1) 3   2) 1   3) 2   4) 4

48. Among the following a perfect square is   [   ]
    1) 441   2) 1156   3) 1258   4) 5307

49. The number of divisors of 6 is   [   ]
    1) 2   2) 3   3) 4   4) 6

50. The power of '5' of any index . The repetation of unit digit is   [   ]
    1) 1   2) 2   3) 3   4) 5