

**24<sup>th</sup>MIV**  
**(MATHS )**

Time Allowed 1 hour

Maximum Marks : 100

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

1. This booklet contains 50 questions in all.
2. All questions are compulsory and each question carries 2 marks.
3. Before you start to answer the questions you must check up this booklet and ensure that it contains all the pages 6 ( Six ) and see that no page is missing or repeated. If you find any defect in this Booklet, you must replace it immediately.
4. There will **NOT** be any negative marking for wrong answers.
5. You are required to fill the information on the answer sheet which you will get in the examination hall by **H.B. pencil or BALL point pen**.
6. **Answer Sheet** and **Question Paper** will be supplied in examination hall. After the test is over, you should hand over the answer sheet to the invigilator before leaving the room.
7. You should write your **Name, Roll No.**, carefully on the space provided in the answer sheet. Otherwise you will be awarded **ZERO** mark.
8. If you wish to change your answer, **ERASE** completely the darkened circle by using an **ERASER** and then blacken the new circle. If not erased completely, smudges will be left on the erased circle and the question will be read as having two answer and will be ignored for giving any credit.
9. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
10. You are not allowed to leave the examination hall until you are advised to do so by the invigilator.

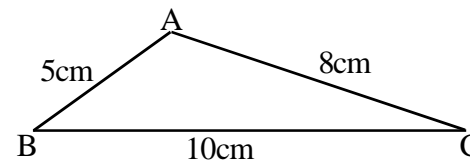
- (1) -

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| <p>1. The digit having greatest place value in 35309 is :<br/>(A) 3 (B) 0<br/>(C) 5 (D) 9</p> <p>2. The largest two digit prime number is :<br/>(A) 99 (B) 91<br/>(C) 93 (D) 97</p> <p>3. In a division, Dividend = 122, Quotient = ?, Remainder = 1 and Divisor = 11 :<br/>(A) 1 (B) 11<br/>(C) 21 (D) 0</p> <p>4. Simplify :<br/><math>13 \times 2 \times 10 \times 2 \times 0 \times 1 \times 3</math><br/>(A) 0 (B) 1560<br/>(C) 1 (D) 13</p> <p>5. How many 10 paise make 2 rupees ?<br/>(A) 10 (B) 4<br/>(C) 6 (D) 20</p> <p>6. The greatest two digit number is a multiple of 33 and :<br/>(A) 3 (B) 4<br/>(C) 1 (D) 7</p> | <p>7. The prime factorization of 320 is :<br/>(A) <math>2 \times 2 \times 2 \times 2 \times 5</math><br/>(B) <math>2 \times 2 \times 2 \times 2 \times 2 \times 5</math><br/>(C) <math>2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 5</math><br/>(D) <math>2 \times 2 \times 2 \times 5</math></p> <p>8. The digital root of 12342 which is a factor of :<br/>(A) 1 (B) 2<br/>(C) 4 (D) 3</p> <p>9. The cost of 18 pencils is ₹ 54. What is the cost of 15 pencils ?<br/>(A) ₹ 27 (B) ₹ 21<br/>(C) ₹ 54 (D) ₹ 45</p> <p>10. How many composite numbers are there between 1 and 50 ?<br/>(A) 32 (B) 30<br/>(C) 33 (D) 31</p> <p>11. Mr. A starts travelling by foot to school by 9:20 am and reaches there at 10:15 am. How long does he take to reach school ?<br/>(A) 55 min (B) 35 min<br/>(C) 45 min (D) 1 hour</p> |
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SPACE FOR ROUGH WORK

- (6) -

45. Which type of triangle is it ?



- (A) Equilateral triangle  
(B) Isosceles triangle  
(C) Scalene triangle  
(D) Both B and C
46. How many vertices are there in a rectangle?  
(A) Two (B) Three  
(C) Four (D) Five
47. Which of the following statement is true ?  
(A) A ray has two end points.  
(B) A line has two end points.  
(C) A line segment cannot be measured.  
(D) The shortest distance between the points A and B is denoted by  $\overrightarrow{AB}$

48. A line segment joining two points on a circle is \_\_\_\_  
(A) Diameter (B) Chord  
(C) Radius (D) Circumference
49. In a stadium, there are 550 men and the number of women is 55 more than the number of men. What is the total number of people altogether ?  
(A) 605 (B) 1055  
(C) 550 (D) 1155
50. In a 200 metre race, Tombisana is 90 m from the starting point. How many metres is she from the finishing point ?  
(A) 110m (B) 90m  
(C) 100m (D) 10m

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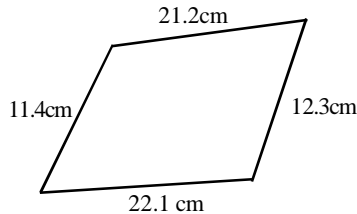
SPACE FOR ROUGH WORK

- (5) -

36. Which of the following is false ?  
 (A)  $4 \times (35 \times 4) = (4 \times 35) \times 4$   
 (B)  $0 \div 1000 = 0$   
 (C)  $47 \div 1 = 1$   
 (D)  $1 + 33 - 4 = 30$
37. Find dividend when divisor, quotient and remainder are 33, 4 and 1 respectively.  
 (A) 133 (B) 103  
 (C) 333 (D) 301
38. Find the roman numeral which is equal to "28".  
 (A) XXVII (B) XXXVIII  
 (C) XXVI (D) XXVIII
39. The expanded form of 34302 is :  
 (A)  $3000 + 400 + 30 + 0 + 2$   
 (B)  $300000 + 4000 + 300 + 0 + 2$   
 (C)  $30000 + 4000 + 300 + 0 + 2$   
 (D)  $300000 + 40000 + 3000 + 0 + 2$
40.  $11111 \times 11111 = ?$   
 (A) 12345678 (B) 1234321  
 (C) 12345654321 (D) 123454321
41. Simplify :  
 $350 \div 5 + 8 \times 12 \div 12 - 36$   
 (A) 42 (B) 78  
 (C) 36 (D) 27
42. The smallest three digit number is the \_\_\_\_\_ of the greatest two digit number.  
 (A) predecessor (B) successor  
 (C) product (D) quotient
43. How much will a labour earn in 5 days if he gets ₹ 150 per hour working 4 hours a day?  
 (A) ₹ 3000 (B) ₹ 1500  
 (C) ₹ 2000 (D) ₹ 6000
44. Choose the correct options to make ₹ 160.  
 (A) ₹ 20 + ₹ 50 + ₹ 100 + ₹ 10  
 (B) ₹ 10 + ₹ 20 + ₹ 50 + ₹ 100  
 (C) ₹ 20 + ₹ 10 + ₹ 50 + ₹ 50 + ₹ 20 + ₹ 10  
 (D) ₹ 10 + ₹ 20 + ₹ 100 + ₹ 20 + ₹ 10 + ₹ 10

SPACE FOR ROUGH WORK

- (2) -

12. The lowest term of  $\frac{36}{82}$  is :  
 (A)  $\frac{36}{82}$  (B)  $\frac{9}{21}$   
 (C)  $\frac{9}{22}$  (D)  $\frac{18}{41}$
13. How many minutes are there in  $1\frac{1}{2}$  hour ?  
 (A) 120 (B) 90  
 (C) 60 (D) 30
14. What is the diameter if the radius of a circle is 22 cm ?  
 (A) 22cm (B) 11cm  
 (C) 44cm (D) 88cm
15. What must be added to 44 to make 134 ?  
 (A) 134 (B) 44  
 (C) 177 (D) 90
16. Bembem earns ₹ 15,000 in a month. How much does she earn in 2 years ?  
 (A) ₹ 2,40,000 (B) ₹ 3,60,000  
 (C) ₹ 1,80,000 (D) ₹ 2,10,000
17. What is the perimeter of following figure ?  
  
 (A) 67cm (B) 65.3cm  
 (C) 66.5cm (D) 65cm
18. Find the sum of the place value of 3 in 7934383.  
 (A) 30003 (B) 303  
 (C) 3 (D) 30303
19. Which of the following is false ?  
 (A) 8 o'clock in the morning is 8:00 am  
 (B) Half past three at morning is 3:30 am  
 (C) 12: 00 noon is 12:00 am  
 (D) 10 o'clock in the night is 10:00 pm
20. Manitomba works 5 hours a day and 6 days a week. He is paid ₹ 10 per hour. How much does he earn in a week ?  
 (A) ₹ 150 (B) ₹ 500  
 (C) ₹ 600 (D) ₹ 300

SPACE FOR ROUGH WORK

- (3) -

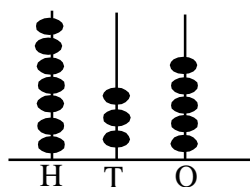
21. Identify the smallest whole number divisible by 2 and 3.

- (A) 12 (B) 24  
(C) 18 (D) 8

22. How many odd numbers are there between 10 and 25 ?

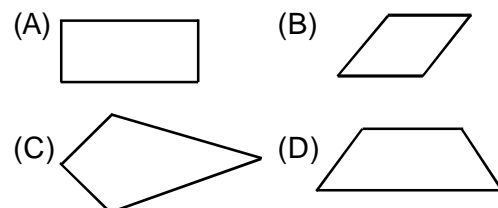
- (A) 10 (B) 11  
(C) 12 (D) 7

23. How many beads should be removed from the hundred place in the abacus shown here if it has to represent a number between 300 and 350 ?

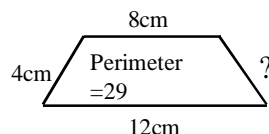


- (A) 3 (B) 4  
(C) 5 (D) 6

24. Which of the following shape is a Rhombus?



25. Find the missing length of following figure.



- (A) 3cm (B) 4cm  
(C) 5cm (D) 6cm

26. The difference between the place value and face value of the digit 5 in 123543 is :

- (A) 495 (B) 500  
(C) 505 (D) 425

27. A movie started at ten thirty o'clock in the morning and lasted two half hour. At what time did the movie end ?

- (A) 1:00 A.M (B) 12:00 A.M  
(C) 1:00 P.M (D) 12:00 P.M

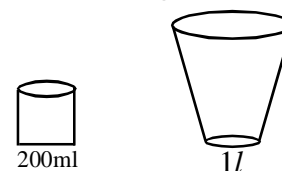
SPACE FOR ROUGH WORK

- (4) -

28. Which day is ten days after Wednesday?

- (A) Wednesday (B) Thursday  
(C) Friday (D) Saturday

29. How many glasses of water are needed to fill up the bucket ?



- (A) 4 (B) 8  
(C) 9 (D) 5

30. Jonathan has three 100 notes, five 50 notes and two 10 notes. Which of the following items should he buy ?

- (A) A Jean pant cost ₹ 1100  
(B) A Leather Jacket cost ₹ 2500  
(C) A men's formal cost ₹ 900  
(D) A men's shirt cost ₹ 550

31. Find loss or gain if C.P = ₹ 105 and S.P = ₹ 135

- (A) Loss = ₹ 30  
(B) Profit = ₹ 240  
(C) Loss = ₹ 240  
(D) Profit = ₹ 30

32. A man sold a car for ₹ 100500 at a loss of ₹ 5000. Find the cost price of the car.

- (A) ₹ 105500 (B) ₹ 95500  
(C) ₹ 95000 (D) ₹ 100500

33. Mr. A goes for a holiday camp on 8th of April and returns home at 9th of May. How many days does he go for it ?

- (A) 29 days (B) 30 days  
(C) 31 days (D) 28 days

34. How many months are there in a year having only 30 days ?

- (A) 5 (B) 4  
(C) 6 (D) 7

35. Subtract  $\frac{132}{12}$  from  $\frac{149}{12}$

- (A)  $\frac{19}{12}$  (B) 19  
(C) 12 (D)  $\frac{17}{12}$

SPACE FOR ROUGH WORK