

- (1) -

1. The difference between the largest and the smallest 5-digit numbers formed by 5, 7, 0, 9 is :
(A) 44671 (B) 49671
(C) 14989 (D) 45331
2. A man covered 50cm in one step, then the number of steps required to cover one kilometer is :
(A) 100 (B) 200
(C) 800 (D) 2000
3. Multiply 9 by 89 and subtract 342 from the product. Divide the result by 17. The quotient is :
(A) 27 (B) 54
(C) 24 (D) 18
4. Like fractions are :
(A) the fractions in which numerators are less than that of denominators.
(B) the fractions in which the numerators are 1 only
(C) the fractions in which the numerators are equal
(D) the fractions in which the denominators are equal.
5. The sum of the first five multiples of 12 is :
(A) 196 (B) 168
(C) 192 (D) 180
6. The cost of 24 tables is ₹20400. The cost of such 8 tables is :
(A) ₹6800 (B) ₹850
(C) ₹192 (D) ₹6200
7. Suresh works for 6 hours a day. He earns ₹4650 in the month of August. How much does he earn in 1 hour?
(A) ₹10 (B) ₹20
(C) ₹25 (D) ₹30
8. Which of the following fraction is the greatest fraction ?
(A) $\frac{8}{13}$ (B) $\frac{7}{13}$
(C) $\frac{11}{13}$ (D) $\frac{5}{13}$
9. How many minutes are there in 6 weeks 5 days and 13 hours ?
(A) 406848 min (B) 68460 min
(C) 60480 min (D) 7200 min
10. A shopkeeper loses ₹120 by selling a Radio at ₹680. To earn the profit of ₹120, for how much he should sell the radio out ?
(A) 5000 (B) 50000
(C) 500000 (D) 5000000

SPACE FOR ROUGH WORK

- (6) -

45. The given below is the price list of the following items.

ITEMS	PRIZE
Pen	₹12.50
Pencil	₹6.25
Eraser	₹2.50
Book	₹30.00

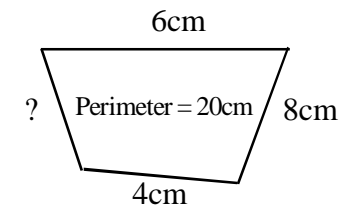
A boy buys a dozen of pen, a dozen of pencil 2 erasers and a book. The boy gives a 500 rupee note. How much will the shopkeeper give back to the boy ?

- (A) ₹270 (B) ₹260
(C) ₹240 (D) ₹230
46. Which of the following is true?
(A) C.P. = S.P. - Loss
(B) S.P. = C.P. + Loss
(C) S.P. = C.P. + Profit
(D) Profit = C.P. - S.P.
47. The capacity of a sintex is 500l the capacity of a bucket is 10ml. How many buckets full of water will be required to fill the sintex?

48. The successor of greatest 3-digit number is
(A) One thousand
(B) One thousand one
(C) Nine hundred
(D) One hundred
49. The number of vertices of the given figure is



- (A) three (B) four
(C) five (D) six
50. The length of the missing side is



- (A) 2cm (B) 3cm
(C) 4cm (D) 5cm

SPACE FOR ROUGH WORK

- (5) -

38. ₹ 12 ÷ 10 paise = _____ :
 (A) 100 (B) 110
 (C) 120 (D) 150
39. Chaoba was on leave from 5th of May to 12th of July. How many days was Chaoba on leave?
 (A) 67 (B) 68
 (C) 69 (D) 70
40. All sides of a triangle are different in length. The triangle is :
 (A) scalene triangle (B) isosceles triangle
 (C) equilateral triangle (D) none of these
41. Puspa drank $4\frac{1}{2}$ l of water on Monday, $3\frac{1}{2}$ l on Tuesday and $2\frac{1}{2}$ l on Wednesday. How much litres of water did she drink in the three days?
 (A) $9\frac{1}{2}$ l (B) $10\frac{1}{2}$ l
 (C) $11\frac{1}{2}$ l (D) 12 l
42. A man started his work on 19th November 2015 and finished it in 163 days. On what date did he finish the work?
 (A) 24th March 2016
 (B) 1st May 2016
 (C) 48th March 2016
 (D) 30th April 2016
43. A man started walking from his house at 6:30 am and reached his friends house at 9:15pm. How many minutes did he take for the journey?
 (A) 885 (B) 860
 (C) 855 (D) 830
44. 5 quintals = _____ grams .
 (A) 500 (B) 5000
 (C) 50000 (D) 500000

SPACE FOR ROUGH WORK

- (2) -

- (A) ₹ 720 (B) ₹ 800
 (C) ₹ 820 (D) ₹ 920
11. Our examination starts on 30th September 2016 and ends on 23rd October 2016. The number of days for our examination is :
 (A) 20 (B) 22
 (C) 24 (D) 25
12. Find the sum of two numbers if first number is 54 and second number is divided by 7 gives 6 as quotient and 2 as remainder.
 (A) 44 (B) 54
 (C) 94 (D) 98
13. $7 \text{ days} \div 4 = \text{_____ hours}$
 (A) 1848 (B) 7392
 (C) 42 (D) 24
14. The place value and the face value of a digit are always equal. Then the digit is :
 (A) 0 (B) 1
 (C) 2 (D) 9
15. $7(16 + 24) = 7 \times 16 + 7 \times 24$
 (A) Order property of Multiplication
 (B) Grouping property of Multiplication
 (C) Multiplicative property of 1
 (D) Distributive property of Multiplication over addition.
16. A man sold a mobile hand-set for ₹ 12682 at a profit of ₹ 1270. Find the profit or loss if he had sold for ₹ 11970
 (A) 558 loss (B) 558 profit
 (C) 448 loss (D) 448 profit
17. The digital root of 264352786 is :
 (A) 9 (B) 8
 (C) 7 (D) 6
18. A family spent ₹ 112 in a month for the consumption of sugar. The rate of sugar was ₹ 14 per kg. If the price of sugar is increased to ₹ 17. The increase in the expenditure in consumption of sugar is :
 (A) ₹ 19 (B) ₹ 22
 (C) ₹ 24 (D) ₹ 30
19. The radius of a circle is 8cm, then its diameter is :
 (A) 8cm (B) 14cm
 (C) 16cm (D) 20cm
20. The difference of the greatest 2-digit number and greatest 3-digit number is :
 (A) 999 (B) 99
 (C) 990 (D) 900

SPACE FOR ROUGH WORK

21. A football match starts at 11:30 am. The match ends after 90 minutes. The match ends at :
 (A) 12:30 pm (B) 1 pm
 (C) 1:20 pm (D) 1:30 pm
22. The perimeter of a quadrilateral is 105dm. Three sides of the quadrilateral are 5m, 3m and 2m then the length of the fourth side is :
 (A) 3m (B) 3dm
 (C) 5m (D) 5dm
23. How many prime numbers are there in between 50 to 100 ?
 (A) 13 (B) 14
 (C) 15 (D) 16
24. Which of the following is a factor of each and every number ?
 (A) 1 (B) 2
 (C) 3 (D) 4
25. A women sold 8 kg of mango at ₹15 a kg. From the amount she got, she could buy exactly 6 kg of rice. The cost of 1kg of rice is :
 (A) ₹20 (B) ₹18
 (C) ₹16 (D) ₹15
26. What least number must be subtracted from 174 so that the difference is exactly divisible by 12 ? :
 (A) 6 (B) 8
 (C) 5 (D) 7
27. 5 pens and 4 pencils worth ₹32. If the cost of one pencil is 50 paise, then the cost of 1 pen is :
 (A) ₹5 (B) ₹6
 (C) ₹8 (D) ₹10
28. Which of the following is not equivalent fraction of $\frac{40}{56}$
 (A) $\frac{20}{28}$
 (B) $\frac{5}{7}$
 (C) $\frac{10}{16}$
 (D) none of the above
29. A line segment that joins two points on a circle is called :
 (A) chord (B) diameter
 (C) radius (D) both A and B

SPACE FOR ROUGH WORK

30. Some students and two teachers went on a picnic. They were collected ₹2225. If each student gave ₹45 and each teacher gave ₹100. The number of students was :
 (A) 60 (B) 55
 (C) 50 (D) 45
31. Which of the following fraction is a unit fraction ?
 (A) $\frac{2}{7}$ (B) $\frac{3}{7}$
 (C) $\frac{1}{9}$ (D) $\frac{5}{9}$
32. A man bought 6 dozens of oranges for ₹144. 12 oranges were found rotten and the rest were sold at ₹12 for 5 oranges. His gain or loss is :
 (A) ₹12 profit (B) ₹12 loss
 (C) ₹15 profit (D) no profit and no loss
33. The value of $389 - 756 \div 4 \times 3 + 212$ is :
 (A) 35 (B) 34
 (C) 30 (D) 28
34. Area is :
 (A) the measurement of the region enclosed by a plane figure.
 (B) the measurement of distance between two points.
 (C) the measurement of all the length of boundary of a figure.
 (D) none of these
35. The lowest term of $\frac{36}{72}$ is
 (A) $\frac{4}{5}$ (B) $\frac{1}{2}$
 (C) $\frac{2}{3}$ (D) $\frac{3}{4}$
36. The number when divided by 108 gives 29 as quotient and 24 as remainder. The number is :
 (A) 1356 (B) 3156
 (C) 3546 (D) 4265
37. It was Thursday on 7th January 2016. What day was on 8th March 2016?
 (A) Sunday (B) Monday
 (C) Tuesday (D) Wednesday

SPACE FOR ROUGH WORK

25thMIV
(MATHEMATICS)

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.