



SCHOLASTIC COUNCIL FOR ACADEMIC EXCELLENCE

The All India Scholastic Quest Olympiads

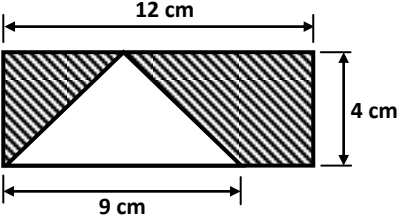
Time: 1 hour

Scholastic Maths Olympiad – Class 4

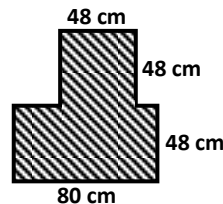
Total Marks: 40

Paper Code: M-4401/17-18

Total Pages: 4

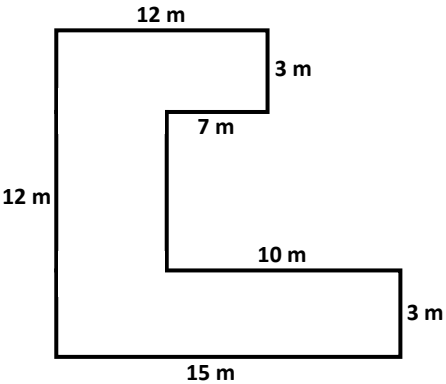
- $300 + 5 + \frac{9}{1000} + \frac{7}{100}$ can be written in decimal form as ____
A) 350.79 B) 305.97 C) 305.079 D) 350.097
- Nikita decided to have a party 8 days before her birthday, when all of her friends were free. Nikita had her birthday party on December 7th, so what is the actual date of Nikita's birthday?
A) 15th December B) 30th November C) 8th December D) 14th December
- Find the area of shaded region in the following figure.
A) 28 cm^2 B) 30 cm^2
C) 32 cm^2 D) 40 cm^2

- What is the difference between the largest and the smallest five-digit numbers formed using each of the digits 5, 0, 8, 1 and 3 only once?
A) 74952 B) 83952 C) 74529 D) 83529
- $30 - 18 \div 3 + 2 \times 5 = ?$
A) 14 B) 70 C) 38 D) 34
- The three sides of a triangle are such that the lengths are 3 consecutive odd numbers. If the perimeter of the rectangle is 129 cm, find the longest side of the triangle.
A) 41 B) 35 C) 45 D) 47
- In a Mathematics exam, Rahul got CXLVI marks, Rohit got CXXVIII marks, Ritika got CLXIV marks and Reena got CLXX marks. Who has scored the maximum marks?
A) Rahul B) Rohit C) Ritika D) Reena
- Which of the following is a perfect square?
A) 16000 B) 2500 C) 360 D) 9000
- $1\frac{7}{18} \div \frac{15}{42} = ?$
A) $4\frac{8}{7}$ B) $3\frac{8}{9}$ C) $4\frac{7}{9}$ D) $3\frac{7}{9}$
- Find the next number in the series: 3, 4, 7, 8, 11, 12,
A) 13 B) 14 C) 15 D) 16

11. What is the difference between place value of 4 and face value of 3 in the number 54637?
 A) 3997 B) 3970 C) 1 D) 39997
12. Which of the following numbers is a multiple of 2 as well as 5?
 A) 325 B) 270 C) 524 D) 175
13. Which of the following is incorrect?
 A) $3624 < 3651$ B) $2983 > 2938$ C) $4502 > 4539$ D) $7823 < 7832$
14. What is the height of a triangle with base 12 mm and area 150 square mm?
 A) 15 mm B) 18 mm C) 20mm D) 25 mm
15. The time of departure of flight is written as 13:30 hrs. At what time will the flight take off?
 A) 3:30 am B) 3:30 pm C) 1:30 am D) 1:30 pm
16. Ankit bought a 1.5 kg bag of cherries at the market and ate 275 g of them on the way home. How many grams of cherries did Ankit have left by the time he got home?
 A) 1.225 kg B) 1.125 kg C) 1.250 kg D) 1.275 kg
17. What is the height of a rectangle with a perimeter of 152.8 mm and base length of 62.2 mm?
 A) 28.4 mm B) 18.4 mm C) 16.2 mm D) 14.2 mm
18. Find the smallest whole number by which 4032 should be multiplied so as to get a perfect square number.
 A) 3 B) 5 C) 7 D) 11
19. Which of the following is not a factor of 660?
 A) 3 B) 5 C) 7 D) 11
20. Find the area of the following figure



- A) 6144 cm^2 B) 6244 cm^2
 C) 5678 cm^2 D) 6424 cm^2

21. Express the number 89 in Roman numerals.
 A) CXIX B) IXXC C) LXXVII D) LXXXIX
22. Find the missing figure in the series.
 $\triangle \square \triangle \quad | \quad \square \circ \square \quad | \quad \circ \diamond \circ \quad | \quad \diamond \square ?$
 A) \diamond B) \square C) \circ D) \triangle
23. What is the expanded form of the number 7,28,708?
 A) $7,00,000 + 20,000 + 8,000 + 70 + 8$ B) $70,000 + 2,000 + 8,000 + 700 + 70 + 8$
 C) $7,00,000 + 20,000 + 8,000 + 700 + 8$ D) $7,00,000 + 2,000 + 800 + 700 + 8$
24. Seventy students are going on a field trip to a history museum. The total cost includes two bus rentals at ₹ 2300 per bus and ₹ 50 per student for lunch. What is the total cost?
 A) ₹ 7900 B) ₹ 8100 C) ₹ 8200 D) ₹ 8250

25. The decimal form of $434\frac{27}{1000}$ is _____
- A) 434.027 B) 43.427 C) 434.270 D) 434.072
26. A carpet is 5 m long and 4 m wide. Find its price at the rate of ₹ 315 per square meter.
- A) ₹ 5950 B) ₹ 6200 C) ₹ 6250 D) ₹ 6300
27. Which of the following year is not a leap year?
- A) 1200 B) 1500 C) 1600 D) 2000
28. Two neon lights are turned on at the same time. One blinks every 6 seconds and the other blinks every 9 seconds. In one minute, how many times will they blink at the same time?
- A) 2 B) 3 C) 4 D) 5
29. Find the area of the following shape.
- A) 111 m^2 B) 108 m^2
C) 112 m^2 D) 115 m^2
- 
30. $CLXV - XLVI = ?$
- A) CXXI B) XCIX C) CXIX D) CLIV
31. Which of the following fractions when added to 0.1909 will give the answer as 1?
- A) 0.1011 B) 0.9991 C) 0.8901 D) 0.8091
32. The area of a rectangle is 96 cm^2 . If the breadth of the rectangle is 8 cm, find its perimeter.
- A) 48 cm B) 24 cm C) 40 cm D) 45 cm
33. Rahil has a 2 litre bottle of iced tea. He plans to pour it into 250 millilitre containers. How many containers can he fill?
- A) 6 B) 8 C) 10 D) 12
34. 780 minutes = _____ hours
- A) 14 B) 13 C) 12 D) 11
35. 400 tens + 20 ones + 7 hundreds =?
- A) 4720 B) 4027 C) 74020 D) 7420
36. Find the missing term in the series: CMM, EOO, GQQ, _____, KUU
- A) HSS B) HTT C) ITT D) ISS
37. The H.C.F. of two numbers is 11 and their L.C.M. is 693. If one of the numbers is 77, find the other number.
- A) 99 B) 97 C) 89 D) 79

38. If the following numbers are arranged in descending order, what would be the sum of third and fifth number in the list?
2764, 5267, 3192, 2932, 371, 3207, 2431, 3142
A) 5696 B) 6074 C) 6124 D) 5906
39. Sanjana is making a display board for the school talent show. The display board is a 10 feet by 9 feet rectangle. If a ribbon costs ₹ 7 per foot, how much will it cost to add a ribbon border around the entire display board?
A) ₹ 133 B) ₹ 630 C) ₹ 266 D) ₹ 256
40. Arun has a rectangular rose garden that measures 8 m by 10 m. One bag of fertilizer can cover 16 m^2 . How many bags will he need to cover the entire garden?
A) 4 B) 5 C) 8 D) 16



Mathematics 4 Paper Code: M-4401/17-18							
1.	C	11.	A	21.	D	31.	D
2.	A	12.	B	22.	A	32.	C
3.	B	13.	C	23.	C	33.	B
4.	A	14.	D	24.	B	34.	B
5.	D	15.	D	25.	A	35.	A
6.	C	16.	A	26.	D	36.	D
7.	D	17.	D	27.	B	37.	A
8.	B	18.	C	28.	B	38.	D
9.	B	19.	C	29.	A	39.	C
10.	C	20.	A	30.	C	40.	B