



SCHOLASTIC COUNCIL FOR ACADEMIC EXCELLENCE

The All India Scholastic Quest Olympiads

Time: 1 hour

Scholastic Maths Olympiad – Class 3

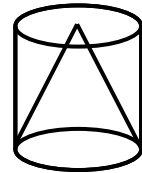
Total Marks: 40

Paper Code: M-3401/17-18

Total Pages: 4

1. Which two shapes can be combined to make the given geometrical figure?

- A) Cube and Sphere
- B) Cylinder and Cone
- C) Cuboid and Cone
- D) Cube and Cone



2. An office manager just got back from vacation, and has a pile of 127 letters to read. The mail carrier comes and delivers 51 more letters for her. How many letters does the office manager have now?

- A) 76
- B) 176
- C) 187
- D) 178

3. A bottle holds one litre of water. Rohan opens a new bottle and drinks half of it. How much water is left in the bottle?

- A) 200 ml
- B) 250 ml
- C) 500 ml
- D) 750 ml



4. Vinita and Riya both collect stickers. Vinita has four times as many stickers as Riya. If Vinita has 48 stickers, how many stickers does Riya have?

- A) 12
- B) 196
- C) 44
- D) 52

5. Varun has certain number of marbles. He finds that he can divide the marbles into 4 equal groups. He can also divide the marbles into 6 equal groups. The number of marbles Varun has could be _____

- A) 8
- B) 10
- C) 12
- D) 20

6. There are 645 passengers on a train. At the next station 214 people got off the train and 139 new people got in. How many people are travelling in the train now?

- A) 998
- B) 720
- C) 570
- D) 620



7. Find the sum of the largest and smallest three-digit numbers formed using 4, 7 and 2 exactly once.

- A) 989
- B) 1169
- C) 674
- D) 971

8. Which of the following is incorrect?

- A) $3729 < 3947$
- B) $4845 > 4173$
- C) $1823 < 1872$
- D) $3434 > 3450$

9. How many ₹ 20 notes are equivalent to a ₹ 500 note?

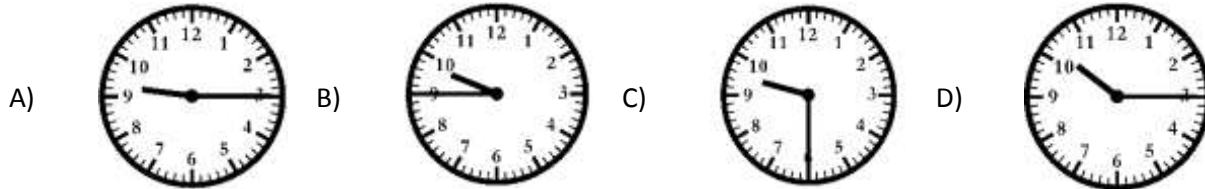
- A) 25
- B) 50
- C) 100
- D) 250

10. Count the number of edges in the following figure?

- A) 8
- B) 10
- C) 12
- D) 14



11. Which of the following clock shows the time "Quarter to 10"?

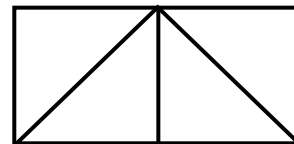


12. Rohit scored 186 runs in a cricket test match. How many more runs should he make to score a double century?

- A) 86
- B) 24
- C) 16
- D) 14

13. Count the number of triangle in the following figure.

- A) 4
- B) 5
- C) 6
- D) 8



14. Surabhi started watching a movie at 6:15 pm. When the movie was over, she looked at the wall clock which showed the time shown in the figure. What was the duration of the movie?

- A) 1 hour 15 minutes
- B) 2 hour 15 minutes
- C) 2 hours
- D) 8 hours 15 minutes



15. Find a three-digit number having following properties.

Its Ones digit is five, Tens digit is 2 more than Ones digit and Hundreds digit is 1 less than Tens digit.

- A) 215
- B) 675
- C) 475
- D) 576

16. Which of the solid shapes has no vertex?

- A) Cylinder
- B) Cube
- C) Cuboid
- D) Cone

17. There are 21 students in a class. If each student has 5 books, what is the total number of books in the class?

- A) 95
- B) 100
- C) 105
- D) 115

18. 4 metres = _____ centimetres

- A) 4
- B) 40
- C) 400
- D) 4000

19. A city has 3 zoos. One zoo has 243 animals, the second zoo has 368 animals and the third zoo has 284 animals. How many animals do all the zoos have in total?

- A) 895
- B) 885
- C) 785
- D) 985

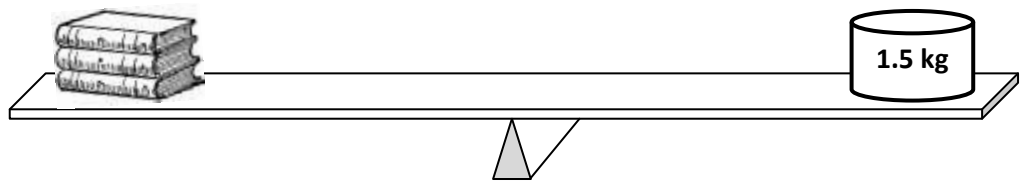
20. Count the number of cubes in the following figure.

- A) 24
- B) 26
- C) 28
- D) 32



21. If the two hands of the clock are opposite to each other but in the same line, the time could be _____
 A) 6:00 am B) 12:00 noon C) 9:15 pm D) 3:45 pm
22. $\frac{5}{13} + \frac{6}{13} = ?$
 A) $\frac{11}{13}$ B) $\frac{11}{26}$ C) $\frac{30}{13}$ D) $\frac{21}{26}$
23. Tina went to the store to buy 3 litres of orange juice for a party. Store sells orange juice in bottles of 250 ml only. How many 250 ml bottles did Tina need to buy?
 A) 6 B) 8 C) 10 D) 12
24. Sameer is reading a book that has 260 pages. He read 35 pages on Monday night, and 40 pages on Tuesday night. How many pages does he have left to read?
 A) 185 B) 195 C) 200 D) 175
25. If $A \times 8 = 48$ and $A \times B = 90$, $B = ?$
 A) 12 B) 13 C) 14 D) 15
26. I have 20 books. Some are Science books and the remaining are English books. If I have 7 Science books, what fraction of the total books are English books?
 A) $\frac{7}{20}$ B) $\frac{13}{20}$ C) $\frac{7}{13}$ D) None of these
27. 32 tens + 6 hundred + 45 ones =?
 A) 965 B) 677 C) 63245 D) 956
28. For the numbers given on the right, if the sum of any 3 consecutive digits is 19, find the value of A.
- | | | | |
|---|---|---|---|
| 7 | B | 8 | A |
|---|---|---|---|
- A) 4 B) 6 C) 8 D) 7
29. 3 similar books are balanced by a 1.5 kg weight. Find the weight of each book.







- A) 250 g
 B) 500 g
 C) 700 g
 D) 750g



30. "Quarter past seven" can also be written as _____
 A) 7:15 B) 7:45 C) 6:15 D) 6:45

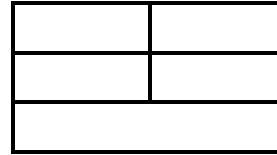
31. How much does a burger cost?

- A) ₹ 25
 B) ₹ 30
 C) ₹ 40
 D) ₹ 50

	+		+		=	₹ 60
	+		+		=	₹ 120

32. How many rectangles can you count in the following figure?

- A) 12 B) 11
C) 10 D) 9



33. The difference between the place value and the face value of 7 in the numeral 2967 is _____

- A) 0 B) 63 C) 630 D) None of these

34. What fraction of the fruits are banana?



- A) $\frac{4}{10}$ B) $\frac{7}{11}$ C) $\frac{4}{11}$ D) $\frac{3}{11}$

35. Find the values of P, Q and R in the following addition problem

- A) P=5, Q=2, R= 8 B) P=4, Q=1, R= 9
C) P=5, Q=2, R= 9 D) P=6, Q=2, R= 8

$$\begin{array}{r} P \ 4 \ 6 \\ + \ 1 \ Q \ 3 \\ \hline 6 \ 6 \ R \end{array}$$

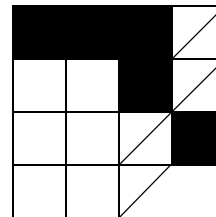
36. Find the missing number in the following equation.

- A) 78 B) 89
C) 91 D) 98

$$50 + \boxed{?} + 36 = 200 - 25$$

37. What fraction of the following figure is shaded?

- A) $\frac{8}{22}$ B) $\frac{8}{17}$
C) $\frac{5}{16}$ D) $\frac{5}{18}$



38. Reena bought the following things:

2 flower bouquets each for ₹ 26, a doll for ₹ 78 and 3 notebooks each for ₹ 10. If she gave ₹ 200 to the shopkeeper, what amount was returned to her?

- A) ₹ 86 B) ₹ 40 C) ₹ 65 D) ₹ 72

39. A string of length 2 meters is cut into five equal parts. What is the length of each part?

- A) 25 cm B) 40 cm C) 50 cm D) 20 cm

40. Find the next number in the series: 1, 3, 7, 13, 21,

- A) 31 B) 41 C) 37 D) 30



Mathematics 3rd Paper Code: M-3401/17-18							
1.	B	11.	B	21.	A	31.	D
2.	D	12.	D	22.	A	32.	B
3.	C	13.	B	23.	D	33.	A
4.	A	14.	C	24.	A	34.	C
5.	C	15.	B	25.	D	35.	C
6.	C	16.	A	26.	B	36.	B
7.	A	17.	C	27.	A	37.	C
8.	D	18.	C	28.	D	38.	B
9.	A	19.	A	29.	B	39.	B
10.	C	20.	C	30.	A	40.	A