



GG RS LEARNING HUB PVT. LTD.

## IMO CLASS 4 (MATHS)

**Total Questions: 35**

**Time: 1 hr.**

**Section – 1 :** Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Days and Dates & Possible Combinations, Analogy and Classification.

**Section – 2 :** Numerals and Number Names, Number Sense (more than 4-digit numbers), Computation Operations, Fractions, Length, Weight, Capacity, Time, Money, Geometry, Perimeter of Various Shapes, Symmetry, Conversions, Data Handling

**Section – 3 :** Syllabus as per Section–2.

**Section – 4 :** Higher Order Thinking Questions - Syllabus as per Section–2.

### SECTION 01 LOGICAL REASONING

- What is the difference between the place values of 7 in the number 78,746?
  - 6,300
  - 69,300
  - 9,900
  - 69,100
- Which of the following cannot be qualified as a valid Roman numeral?
  - CDXXXX
  - CDXIV
  - CDXXV
  - CDV
- Fill in the blank:  
The correct expanded form of forty-five thousand four hundred and fifty-nine will be \_\_\_\_\_.
  - $40,000 + 5,000 + 40 + 59$
  - $45,000 + 400 + 50 + 9$
  - $45,000 + 5,000 + 400 + 50 + 9$
  - $40,000 + 5,000 + 400 + 50 + 9$
- How many triangles are there in the picture?



- 9
- 11
- 13
- 15





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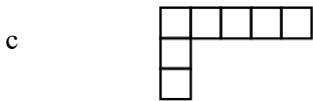
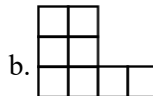
12. Seren bought 5 kg of fruit. His neighbour borrowed three-fifths of the fruits from him. What amount of fruit was borrowed?

- a. 2 kg 500 g
- b. 3 kg
- c. 3 kg 250 g
- d. 3 kg 500 g

13. Sam's mother gave her 100 cents for the school canteen. She spent one-fifth of the amount in buying a burger and one-fourth of the amount in buying a Coke can. How much money is left with her?

- a. 35 cents
- b. 45 cents
- c. 55 cents
- d. 65 cents

14. Which of the following has the maximum perimeter if the length of the side of each square is 1 unit?



15. Fill in the blank:

The difference of CCCXLVII and CLXVIII is \_\_\_\_\_

- a. CLXXIX
- b. CLXIX
- c. CLX
- d. CLIX

16. The temperature in city A is two-thirds of the temperature in city B. If the temperature of city A is 18°C, find the temperature in city B.

- a. 12°C
- b. 27°C
- c. 36°C
- d. 45°C

17. A shopkeeper opens his shop at 11:20 a.m. and closes it at 9:30 p.m. every day. For how many hours does his shop open in a week if he keeps the shop closed on Tuesdays?

- a. 71 hours 20 minutes
- b. 68 hours 40 minutes
- c. 63 hours
- d. 61 hours

18. Neil misses the usual 7:00 a.m. bus that she boards every day to reach the office at 8:00 a.m. She boards the next bus which arrives 15 minutes later but the bus gets stuck in a traffic jam and it takes her 25 minutes of extra time to travel in the bus. At what time will she reach today?

- a. 8:15 a.m.
- b. 8:30 a.m.
- c. 8:40 a.m.
- d. 8:45 a.m.





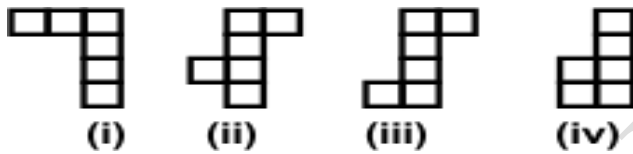


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**SECTION04 ACHIEVER SECTION**

31. Roger has four sons. Who among them weighs the most if Roger's weight is 72 kg?

- a. Albert, one-third of Roger's weight
- b. Ali, one-fourth of Roger's weight
- c. Sam, three-eighth of Roger's weight
- d. Keil, two-ninth of Roger's weight

32. Which of the following have a perimeter equal to 14 cm if length of the side of each square is 1 cm?



- a. (i) only
- b. (i) and (ii) only
- c. (i), (ii) and (iii) only
- d. (i), (ii), (iii) and (iv)

33. What number will come at the hundred's place if Ria takes the product of 1235 and 23?

- a. 400
- b. 40
- c. 4
- d. 0

34. Mitti bought 5 stick ice-creams, 4 cone ice-creams, and 6 cup ice-creams. The cost of a stick ice-cream, a cone ice-cream, and a cup ice-cream is 35 cents, 45 cents and 30 cents, respectively. Find the total amount of money paid by her:

- a. 535 cents
- b. 565 cents
- c. 595 cents
- d. 615 cents

35. Albert gave \$5,427.75 to his wife and \$2,364.87 to his son from his salary. After giving them this amount, he was left with \$4,218.53. What was his salary?

- a. \$11012.45
- b. \$14576.75
- c. \$12011.15
- d. \$12487.53