



Second Level

International Maths Olympiad

by Maths Olympiad Foundation



Time : 45 Mins

Class-III

Maximum Marks : 50

General Instructions:

1. **All questions are mandatory.** Read the questions carefully before selecting an answer.
2. The question paper contains **25 MCQ**, each carrying **2 marks**.
3. No negative marking for unattempt questions; one mark will be deducted for each incorrect /overwriting or multiple answers. Illegible answers may not be evaluated.
4. Answers must be marked by writing the correct option (A/B/C/D) in the **Answer Sheet**.
5. **Use of calculators, smart watches, or any electronic devices is strictly prohibited.**
6. Rough work must be done **only in the A4 sheet provided by the invigilator**.
7. Ensure that your **Name, Roll Number, School Code, and other required details** are correctly filled in the Answer Sheet before submission.
8. The **final Answer Sheet along with the question paper must be submitted to the invigilator** before leaving the examination hall.
9. Any form of **unfair practice will lead to immediate disqualification**.

Q.1. Weight of one candle is 120 gm. These candles come in boxes of 10 pcs. What is the weight of the box in which it is packed if the weight of the box and the candles taken together is 1 kg 370 gm?

- (a) 270 gm (b) 210 gm (c) 170 gm (d) 90 gm

Q.2. Akshay attends swimming classes from 4 pm for 1 hour. He then takes 15 minutes to reach for his dance classes. He learns dance for 50 minutes and then takes 20 minutes to reach his home. At what time does he reach home?

- (a) 5:55 pm (b) 6:25 am (c) 6:25 pm (d) 6:10 am

Q.3. The value of B-A will be:

$$\begin{array}{r} 17A2 \\ \times 4 \\ \hline B008 \\ \hline \end{array}$$

- (a) 2 (b) 3
(c) 4 (d) 5

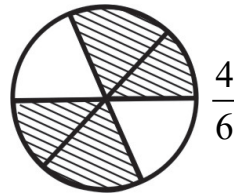
Q.4. Study the two given fractions. Which of the following is true?

(a) $\frac{4}{12} > \frac{4}{6}$

(b) $\frac{4}{6} > \frac{4}{12}$

(c) $\frac{4}{12} = \frac{4}{6}$

(d) None of these



Q.5. A cyclist has to complete a race of 15 km 750 m. If his speed is 5 km/h, then how much time will he take to complete the race?

(a) 2 hours 45 mins

(b) 3 hours 9 mins

(c) 3 hours 30 mins

(d) 3 hours 15 mins

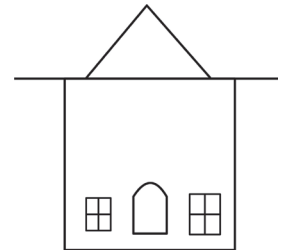
Q.6. How many horizontal lines are there in the figure given below?

(a) 10

(b) 8

(c) 7

(d) 9



Q.7. A tanker of water has a capacity of 1500 litres. It supplies water to a block of households. If each household gets 24 litre of water, then how many tankers are needed to supply 250 households?

(a) 2 tankers

(b) 3 tankers

(c) 4 tankers

(d) 5 tankers

Q.8. In roman numerals repetition of the numeral I Means:

(a) Multiplication

(b) Addition

(c) Subtraction

(d) Division

Q.9. By how much is the sum of the 3400 and 6738 more than the difference of these numbers?

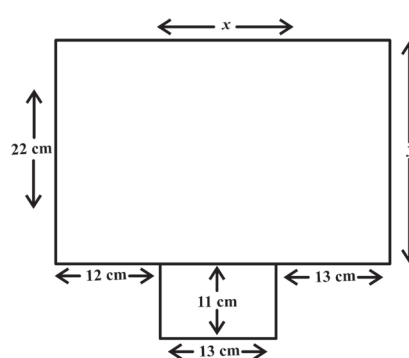
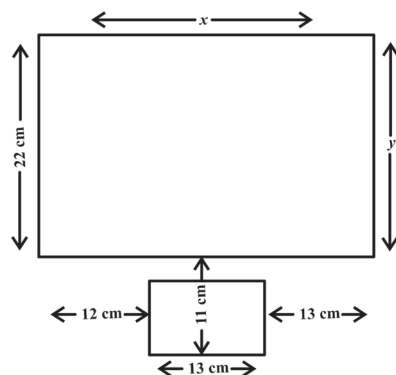
(a) 3338

(b) 3400

(c) 6800

(d) 6750

Q.10. The given figure is made up of two rectangles. What is the value of x and y respectively.



(a) 11 cm, 39 cm

(b) 38 cm, 11 cm

(c) 10 cm, 13 cm

(d) 38 cm, 13cm

Q.11. A shape has two more sides than a pentagon and three more vertices than a quadrilateral. That shape is a

(a) Hexagon

(b) Septagon

(c) Octagon

(d) Pentagon

Q.12. A jug can hold 2 litres of water and a mug can hold 250 ml. How many full mugs are needed to fill the jug?

- (a) 8 (b) 10 (c) 12 (d) 15

Q.13. I am a number lying between 200 and 300.

I am divisible by 9.

My digits add up to 6.

I am _____.

- (a) 222 (b) 231 (c) 207 (d) None of these

Q.14. I am a number that doubles itself when 18 is added to it, I am _____?

- (a) 9 (b) 18 (c) 36 (d) 54

Q.15. Siya bakes 13 cupcakes. Arya bakes 5 more than Siya. Zoya bakes 4 less than Arya. How many cupcakes did Arya and Zoya each bake respectively?

- (a) 14 and 18 (b) 9 and 5 (c) 18 and 14 (d) 5 and 9

Q.16. If the position of the digits 4 and 8 are interchanged in the number 94786, then place value of 4 is _____ and place value of 8 is _____.

- (a) 8000 and 40 (b) 4 and 800
(c) 40 and 8000 (d) None of these

Q.17. Identify the number using the given clues.

*** I am an odd number**

*** My ten's digit is greatest one digit number**

*** My Hundred's digit is an even number**

*** My thousand's digit is the least odd number**

- (a) 2497 (b) 2785 (c) 1495 (d) 2698

Q.18. Match List 1 with List 2 and choose the correct option.

List 1

(A) L

(B) C

(C) D

(D) M

List 2

(i) 500

(ii) 100

(i) 50

(ii) 1000

- | | | | |
|---------------|----------|-----------|-----------|
| (a) A – (i) | B – (ii) | C – (iii) | D – (iv) |
| (b) A – (iii) | B – (ii) | C – (i) | D – (iv) |
| (c) A – (iii) | B – (ii) | C – (iv) | D – (i) |
| (d) A – (i) | B – (ii) | C – (iv) | D – (iii) |

Q.19. Which of the following words cannot be formed from the letters of the word FASCINATE.

- (a) FAST (b) SCANT (c) NEAT (d) SCENE

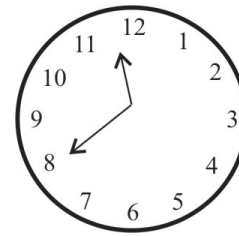
Q.20. Find the missing number, if a certain rule is followed either row-wise or column wise.

- (a) 37 (b) 32
(c) 23 (d) 73

37	52	?
23	17	11
14	35	26

Q.21. Which of the following options shows 1 hour 15 minutes less than the time shown in the clock.

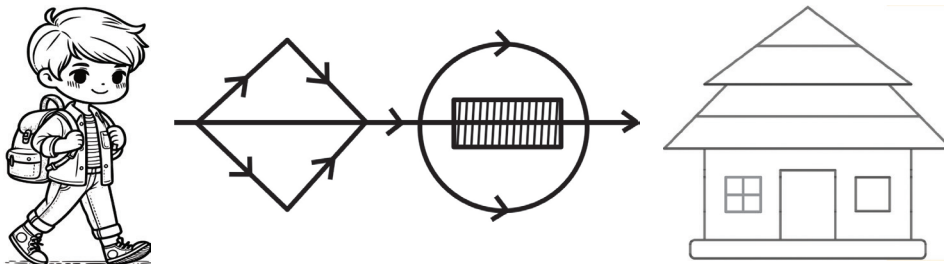
- (a) 10:25 (b) 11:25
(c) 10:35 (d) 11:40



Q.22. Which of the following measures are longer than 1 metre?

- (i) 150 cm (ii) 75 cm (iii) 120 cm (iv) 200 cm
(a) (i) and (iv) (b) (i), (iii), and (iv)
(c) (iv) only (d) (i) and (iv) only

Q.23. In how many ways Cheeku can reach his home?



- (a) 6 (b) 9 (c) 5 (d) 12

Q.24. If  **=**  **+**  **+**  **+** 

and  **+** 62 **=** 184

Then  **=** ?

- (a) 462 (b) 328 (c) 648 (d) 488

Q.25. Which of the following time durations are equal to 1 hour?

- (i) 60 minutes (ii) 3600 seconds
(iii) $\frac{3}{4}$ hour + $\frac{1}{4}$ hour (iv) 2×50 minutes
(a) (i), (ii) and (iv) (b) (i) and (iv) only
(c) (i) and (iii) only (d) (i), (ii), (iii) and (iv)