11th *iOM* ▾ 18
International Olympiad of Mathematics

Organized by :
Mathematics Olympiad Foundation
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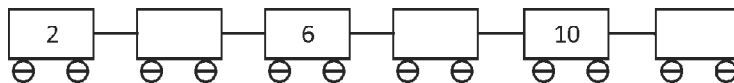## CLASS : 1 (SYLLABUS & SAMPLE QUESTIONS)

Skip Counting, Back and Forth Counting, Ones, Tens and Hundreds, Addition, Subtraction, Comparison, Time and Calendar, Money, Identification of Geometrical Figures, Number Series, Measurement, Knowing Patterns, Applied Mathematics, Mental Aptitude.

The Actual Question Paper Contains 40 Questions. The Duration of the Test Paper is 60 Minutes.

1. **Christina has 18 metres long wire. She cuts off a piece of 5 metres and gives to Helena. How much wire Christina has now?**
   (A) 10 m   (B) 11 m   (C) 12 m   (D) 13 m
   (E) None of these

2. **Height of pole A is 20 metres and pole B is 27 metres. Which pole has greater height?**
   (A) Pole A   (B) Pole B
   (C) Both poles have equal heights   (D) All of these
   (E) None of these

3. **Fill in the boxes by counting 2.**

   | 2 | | 6 | | 10 | |

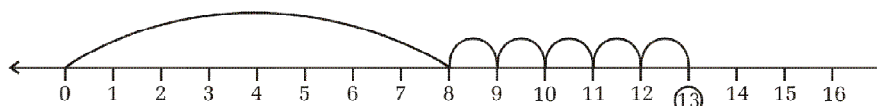   (A) 3, 7, 9   (B) 4, 8, 11   (C) 1, 5, 6   (D) 4, 8, 12
   (E) None of these

4. **Which one of the following figures has 7 sides?**

   (A)   (B)   (C)   (D)
   (E) None of these

5. **Which one of the following numbers will come before the circled number?**
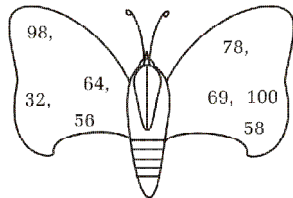

   (A) 12   (B) 11   (C) 10   (D) 9
   (E) None of these

6. **There are 45 l of milk in a milk drum. Jack takes out 33 l of milk from the drum. How much milk is left in the drum?**
   (A) 10 l   (B) 12 l   (C) 15 l   (D) 14 l
   (E) None of these

7. **If x = 3 tens. Which one of the following is true for x + x + x ?**
(A) 90   (B) 60   (C) 80   (D) 70
(E) None of these

8. **Which is the largest number in given numbers?**

98,
78,
64,
32,   69, 100
56
58

(A) 98   (B) 78   (C) 100   (D) 64
(E) None of these

9. **Given below the cost of different things:**

₹ 3   ₹ 8   ₹ 7   ₹ 5

Nancy goes to market and buys pop corn. Which one of the following options shows the money she gives to the shopkeeper?

(A) ₹ 1   ₹ 2   (B) ₹ 5   ₹ 1   ₹ 1
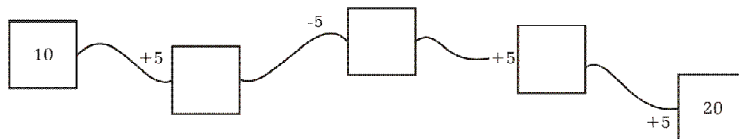
(C) ₹ 5   ₹ 2   ₹ 1   (D) ₹ 2   ₹ 2   ₹ 1

(E) None of these

10. **Fill the box by adding or subtracting the numbers.**

10   +5   -5   +5   +5   20

(A) 15, 20, 35   (B) 10, 15, 20   (C) 15, 10, 15   (D) 20, 25, 35
(E) None of these

ANSWERS

1. (D)	2. (B)	3. (D)	4. (C)	5. (A)	6. (B)	7. (A)	8. (C)	9. (C)	10. (C)