11th *i*OM'18
International Olympiad of
Mathematics

Presented by:
SILVER ZONE FOUNDATION
NEW DELHI, INDIA

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Mathematics Olympiad Foundation
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For supremacy in Mathematics
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CLASS : 2 (SYLLABUS & SAMPLE QUESTIONS)

Ones, Tens, Hundreds and Thousands, Addition, Subtraction, Multiplication, Division, Comparison, Time and Calendar, Money, Geometrical Figures, Measurement, Number Series, Knowing Patterns, Applied Mathematics, Mental Aptitude.

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

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1. **Find the largest number from the following:**
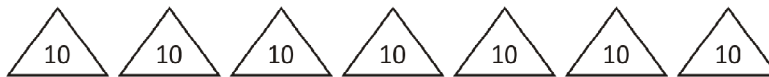659, 695, 638, 687, 693, 697, 654
(A) 695   (B) 697   (C) 693   (D) 659
(E) None of these

2. **If ABC = 123 and BCD = 234 then GHI = ?**
(A) 456   (B) 567   (C) 345   (D) 789
(E) None of these

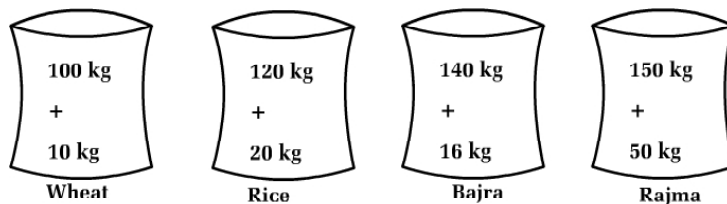**3.** **Which one of the following options is correct for the given figure?**

(A) The sum of numbers is 70   (B) The numbers can be written as 10 × 7
(C) Both (A) and (B)   (D) All of these
(E) None of these

4. **Digit at tens place of a number is 5 and digit at units place is predecessor of digit at tens place. Find the number.**
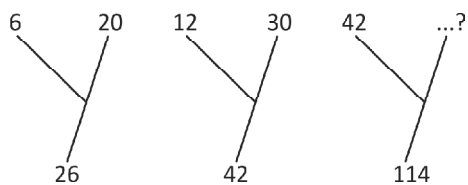(A) 54   (B) 45   (C) 35   (D) 53
(E) None of these

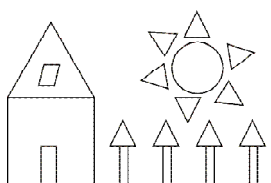**5.** **Given below the weight of various items. What is the difference between maximum and minimum weight?**

(A) 70 kg   (B) 80 kg   (C) 90 kg   (D) 60 kg
(E) None of these

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6. **Which one of the following options is correct to complete the series?**

6   20   12   30   42   ...?

26   42   114

(A) 72　　　　　　(B) 65　　　　　　(C) 62　　　　　　(D) 52
(E) None of these

7. **How many triangles are there in the following figure?**

(A) 8　　　　　　(B) 6　　　　　　(C) 5　　　　　　(D) 11
(E) None of these

8. **A has 56 articles, B has 89 articles and C has their difference. How many articles does C has?**
(A) 23　　　　　　(B) 34　　　　　　(C) 33　　　　　　(D) 26
(E) None of these

9. **How many tens and ones are there after subtracting the following?**

56 → ⟦5⟧ tens + ⟦6⟧ ones
-34 → ⟦3⟧ tens + ⟦4⟧ ones
⟦ ⟧ tens + ⟦ ⟧ ones

(A) 8 tens + 10 ones　　　　　　(B) 5 tens + 6 ones
(C) 3 tens + 4 ones　　　　　　(D) 2 tens + 2 ones
(E) None of these

10. **What comes in the blank box?**

⟦25⟧ ⟦50⟧ ⟦75⟧ ⟦ ⟧ ⟦125⟧

(A) 100　　　　　　(B) 98　　　　　　(C) 105　　　　　　(D) 110
(E) None of these

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