

# 10<sup>th</sup> iOM'17

## International Olympiad of Mathematics



Presented by:  
**SILVER ZONE**  
 FOUNDATION  
 NEW DELHI - INDIA

Organized by:  
**Mathematics Olympiad Foundation**  
 New Delhi, India

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.*

1. Find the largest number from the following:

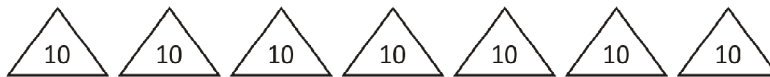
659, 695, 638, 687, 693, 697, 654

- (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?

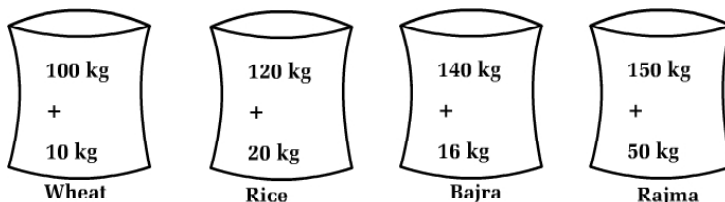


- (A) The sum of numbers is 70 (B) The numbers can be written as  $10 \times 7$   
 (C) Both (A) and (B) (D) All of these  
 (E) None of these

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.

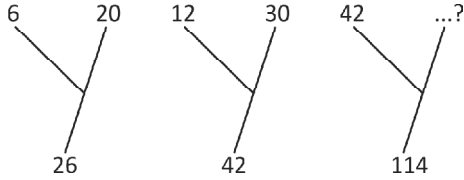
- (A) 54 (B) 45 (C) 35 (D) 53  
 (E) None of these

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



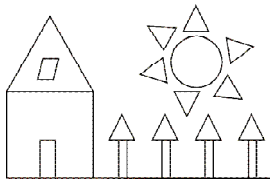
- (A) 70 kg (B) 80 kg (C) 90 kg (D) 60 kg  
 (E) None of these

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



- (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?

$$\begin{array}{r}
 56 \rightarrow \boxed{5} \text{ tens} + \boxed{6} \text{ ones} \\
 -34 \rightarrow \boxed{3} \text{ tens} + \boxed{4} \text{ ones} \\
 \hline
 \boxed{\phantom{00}} \text{ tens} + \boxed{\phantom{00}} \text{ ones}
 \end{array}$$

- (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?

$$\boxed{25} \boxed{50} \boxed{75} \boxed{\phantom{00}} \boxed{125}$$

- (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)