the metamorphosis starts from here....

BRILLIANT INTERNATIONAL Olympiad of MATHEMATICS

b ACADEMY
Olympiads | Publication | Education
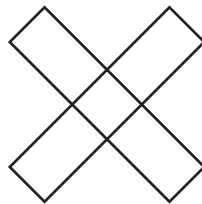ISO 9001:2008 CERTIFIED

Brilliant International Olympiad of Mathematics

Class-II   (Syllabus and Sample Question Paper)

Ones, Tens, Hundreds and Thousands, Addition, Division, Subtraction, Time and Calender, Multiplication, Geometrical Figures, Comparison, Number Series, Money, Measurement, Knowing Patterns, Everyday Mathematics

The Actual Question Paper Contains 30 Questions. The Duration of the Test Paper is 60 Minutes

1. **How many rectangles are there in the figure?**

(A) ☐ 82   (B) ☐ 5   (C) ☐ 85   (D) ☐ 10
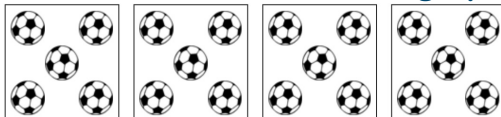(E) ☐ None of these

2. **What will be the result when 5 is multiplied by 12, Subtracted by 4 and added by 25?**
(A) ☐ 81   (B) ☐ 73   (C) ☐ 85   (D) ☐ 82
(E) ☐ None of these

3. **Serena buys a dozen apple for ₹ 36 and a dozen banana for. ₹ 24. The difference between the cost of an apple and a banana is :**
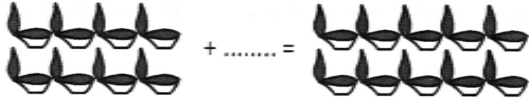(A) ☐ ₹ 2   (B) ☐ ₹ 5   (C) ☐ ₹ 3   (D) ☐ ₹ 1
(E) ☐ None of these

4. **Which one of the following option is correct for the following representation?**

(A) ☐ 5 × 4   (B) ☐ 5 + 5 + 5 + 5
(C) ☐ Both (A) and (B)   (D) ☐ None of these

5. Fill in the blank from the options given below:

 + ... =

(A) ☐ 　(B) ☐ 　(C) ☐ 　(D) ☐

(E) ☐ None of these

6. Complete the following series:

1, 6, 16, 31, 51, _____

(A) ☐ 76　(B) ☐ 73　(C) ☐ 74　(D) ☐ 81

(E) ☐ None of these

7. The number of hour in a week, if you know that there are 24 hours in a day, is:

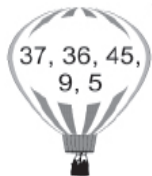(A) ☐ 168　(B) ☐ 148　(C) ☐ 152　(D) ☐ 172

(E) ☐ None of these

8. The petrol tank of a car had 16 liter 265 ml of petrol. For completely filling the tank 8liter 485 ml more petrol was filled into it. What is the capacity fo the petrol tank of the car?

(A) ☐ 23 liter 750 ml　　(B) ☐ 24 liter 750 ml

(C) ☐ 24 liter 350 ml　　(D) ☐ 24 liter 250 ml

(E) ☐ None of these

9. In a year, the month february has 29 days. After how many years it should happen again?

(A) ☐ 1 year　(B) ☐ 2 year　(C) ☐ 5 year　(D) ☐ 4 year

(E) ☐ None of these

10. Find out the addition of the numbers given inside the figure.

37, 36, 45, 9, 5

(A) ☐ 134　(B) ☐ 140　(C) ☐ 132　(D) ☐ 120

(E) ☐ None of these

11. Identify the digit at hundreds place in the number 674545834378.

(A) ☐ 6　(B) ☐ 4　(C) ☐ 3　(D) ☐ 5

(E) ☐ None of these

12. �✿✿✿✿ − ✿✿✿ − ✿✿ = ?

(A) ☐ ✿   (B) ☐ 0   (C) ☐ ✿✿   (D) ☐ ✿✿✿

(E) ☐ None of these

13. ⬠⬠⬠·⬠⬠⬠ − ⬠⬠⬠⬠ = ?

(A) ☐ ⬠⬠⬠⬠   (B) ☐ ⬠⬠⬠⬠⬠

(C) ☐ ⬠⬠⬠   (D) ☐ ⬠⬠

(E) ☐ None of these

14. **Find the number which divides 69 to get its third part.**

(A) ☐ 23   (B) ☐ 21   (C) ☐ 24   (D) ☐ 27

(E) ☐ None of these

15. **How many each group will contain if the following candles are divided into 9 groups?**

🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯

🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯

(A) ☐ 5   (B) ☐ 7   (C) ☐ 4   (D) ☐ 6

(E) ☐ None of these

ANSWERS				
1. A	2. D	3. D	4. C	5. B
6. A	7. A	8. B	9. D	10. C
11. C	12. B	13. D	14. A	15. C