Class-IV   (Syllabus and Sample Question Paper)

Number System, Operation on Numbers, Roman Numerals, Factors and multiples Fraction, Decimals, Money, Unitary Method, Geometrical Concepts, Area and Perimeter of Geometrical Figures, Graphical Representation of Data, Number Series, Everyday Mathematics

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

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1. **The chairs in a class room arranged in straight rows. Peter is in the fourth row from the front and fifth row from the back. He is third from the left end of a row and sixth from the right. How many chairs are there in the classroom?**

   (A) 54   (B) 64   (C) 81   (D) 78

   (E) None of these

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2. $\dfrac{5}{13} - \boxed{} = 2$, **which one of the following option should be kept in the blank, so the relation becomes true.**

   (A) $\dfrac{21}{4}$ (B) $-\dfrac{21}{4}$ (C) $\dfrac{5}{13}$ (D) $\dfrac{10}{13}$

   (E) None of these

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3. **What will be the difference of unshaded part and shaded part of the figure if they are represented by fractions?**
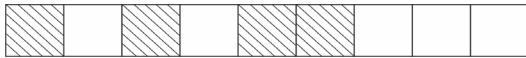
   (A) $\dfrac{1}{9}$ (B) $\dfrac{4}{9}$ (C) $\dfrac{5}{9}$ (D) $\dfrac{1}{3}$

   (E) None of these

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4. **What least number should be subtracted from 147355 so that the resulting number be completely divisible by 35?**

   (A) 0   (B) 5   (B) 15   (D) 25
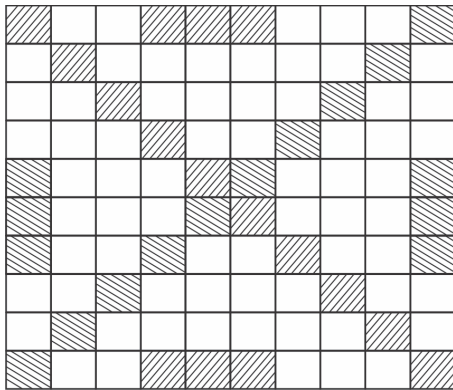
   (E) None of these

5. If $2^x+3^y=43$, where x and y are natural numbers and (2^5 represented as 2×2×2×2×2), then x–y is equal to?

(A) 4   (B) 3   (C) 1   (D) 2

(E) None of these

6. The roman numeral for 89 is?

(A) IXC   (B) LXXXIX   (C) XXCIX   (D) LXXXVIV

(E) None of these

7. Which one of the following statement is false?

(A) 6 is a multiple of each one of 4, 7 and 8.

(B) 1 is called a unique number because it has only one factor

(C) 30615 is divisible by 9

(D) Every number is both factor and multiple of itself.

(E) None of these

8. Find the greatest number that will divide 28 + X and 24 + X without leaving any remainder when X = 4.

(A) 1   (B) 2   (C) 4   (D) 14

(E) None of these

9. In the following figure the shaded part represents?

(A) 0.32   (B) 0.34   (C) 0.31   (D) 0.35

(E) None of these

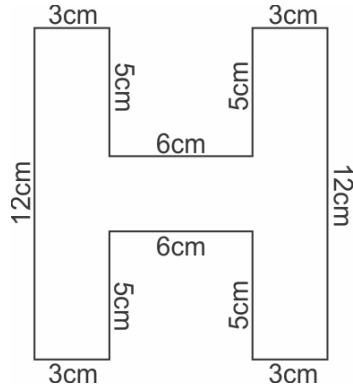**10.** Which of the following is different from the other three?

(A)   (B)   (C)   (D)

(E) None of these

11. Complete the following number series:

5, 17, 53, 161, ___, ___

(A) 483 and 1457   (B) 483 and 1455   (C) 485 and 1455   (D) 485 and 1457

(E) None of these

12. **The perimeter of the following figure is?**

(A) 55 cm (B) 68 cm (C) 54 cm (D) 57 cm

(E) None of these

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13. **The sets of the numbers are arranged in order greatest to least is called descending order. Which one of the following set of numbers are in descending order if the numbers are formed by using only the digits given below:**

$\boxed{5}, \boxed{7}, \boxed{6}, \boxed{3}, \boxed{8}, \boxed{6}, \boxed{2}, \boxed{4}$

(A) 5887324, 5877284, 5877324, 5876524

(B) 7652324, 7652284, 7625324, 7652324

(C) 8687324, 8687284, 8677324, 8676524

(D) 3687324, 3687284, 3677324, 3676874

(E) None of these

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14. **Find the greatest decimals from the following list of decimals.**

5052.2354, 5052.2136, 5052.2359, 5052.0999

(A) 5052.2354 (B) 5052.2136

(C) 5052.2359 (D) 5052.0999

(E) None of these

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15. **Arrange the following fractions in descending order:**

$$\frac{4}{7}, \frac{4}{15}, \frac{4}{21}, \frac{4}{3}, \frac{4}{5}$$

(A) $\frac{4}{7}, \frac{4}{15}, \frac{4}{21}, \frac{4}{3}, \frac{4}{5}$

(B) $\frac{4}{15}, \frac{4}{7}, \frac{4}{21}, \frac{4}{3}, \frac{4}{5}$

(C) $\frac{4}{3}, \frac{4}{5}, \frac{4}{7}, \frac{4}{15}, \frac{4}{21}$

(D) $\frac{4}{7}, \frac{4}{15}, \frac{4}{21}, \frac{4}{5}, \frac{4}{3}$

(E) None of these

ANSWERS

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