FIRST MID TERM EXAMINATION - 2022

6 - STD

MATHS

Time : 1.30 Hrs

Marks : 50

SECTION - A

I   Choose the correct answer.   5 X 1 = 5

1. The estimation to the nearest hundred of 76812 is

   a) 7700   b) 76000   c) 76800   d) 76900

2. Which of the following expression is not zero.

   a) 0×0 b) $0 \neq 0$ c) $\frac{2}{0}$ d) $\frac{0}{2}$

3. The value of 'x' in the circle is

   a) 6   b) 8   c) 21   d) 22

4. Which is not equivalent ratio of $\frac{16}{24}$?

   a) $\frac{6}{9}$ b) $\frac{12}{18}$ c) $\frac{10}{15}$ d) $\frac{20}{25}$

5. The number of days in w week is

   a) $30 + w$ b) $30w$ c) $7 + w$ d) $7w$

II   Fill in the blanks.   5 X 1 = 5

1. The smallest 7 digit number is ....
2. 658794 .... 658794. (use < '=' >).
3. The algebraic statement of S is divided by 5 is ....
4. $3 : 5 = 9 :$ ....
5. $45 + (7 + 8) - 2 =$ ....

III   True or false.   5 X 1 = 5

1. 134 is rounded of as 100 to the nearest 100
2. $7 \times 20 - 4 = 136$.
3. $5 : 7$ is equivalent to $21 : 15$.
4. If the cost of apple is 'x' and the cost of banana is Rs. 5 than the total cost of fruits is Rs. $x + 5$.
5. The total number of 4 digit number is 9000.

IV   Match the following.

1. 100 - 1   -   3 : 5
2. 100, 100, 100   -   4
3. n + 3 = 7   -   commutative
4. Ratio of 3 to 5   -   International system
5. a + b = b + c   -   prodecessor

SECTION - B

V   Write any five.   5 X 2 = 10

1. Add 54283746 and 59283748.
2. **Write the name of the system :** i) 8, 47, 567   ii) 890, 057, 689.
3. Complete the table and find the value.

K	1	2	3	4	5
2K	2	4	6		

4. Simplify : 20 : 5.
5. Express the verbal statement to algebraic statement:
   i) l in added to 100   ii) 4 times q.
6. Write the ratio form circle is 8 to triangle is 7.

SECTION - C

VI   Any four.   5 X 4 = 20

1. In an exhibition the number of tickets sold on the first, second, third and fourth days are 1,10,000, 75,060, 25,7000 and 30,606 respectively. Find the total number of tickets sold on all the 4 days.

2. In a year, a whole-sale paper firm sold 6,25,600 notebooks out of 7,50,000 notebooks. Find the number of notebooks left unsold.

3. Out of 50 students in a class 30 are boys. Find the ratio of
   i) Number of boys to the number of girls.
   ii) Number of girls to the total number of students.
   iii) Number of boys to the total number of students.
   iv) Total number of students to the number of boys.
   v) Total number of students to the number of girls.

4. Mention the property being illustrated in each of the cases given below
   i) 75 + 34 + 34 + 75   ii) 50 + 0   iii) 50 X 1   iv) 50 X 1 = 51
   v) a X (b + c) = (a X b) + (a X c).

5. Athiyan and Mugilan are brothers. Athiyan is p years old and Mugilan is elder to Athiyan by 6 years. Write an algebraic statement for this and find the age of Mugilan It Athiyan is 20 years old.