Class : 5ᵗʰ   Subject: Maths   Date : 11/12/2023

Lesson: 5 - Decimals

A. Fill in the blanks :

1) The fractional form of one hundredth is _____.

2) Decimals with unequal number of digits after the decimal point are called ___ decimals.

3) 18.5 x 10 = _____

4) The short form of $30 + 4 + \dfrac{2}{10} + \dfrac{7}{1000}$ is ____.

5) When one-hundredth is divided into 10 equal parts, then each part is called _____.

6) 45.6 ÷ 100 = ____

7) Compare: 56.7 ____ 56.29

8) The decimal form of one-tenth is _____.

9) The fractional form of 12.17 is _____.

10) 345.6 x 100 = _____

B. Choose the correct option:

1) The decimal form of $2\dfrac{1}{25}$ is

 a) 2.4   b) 2.04   c) 2.25

2) When one is divided into 10 equal parts, then each part is called

 a) one -hundredth   b) one-thousandth   c) one -tenth

3) The name of decimal place underlined in the number 345.6$\underline{4}$5 is

 a) Hundredth   b) Tenth   c) Thousandth

4) The fractional form of 23.04 is

 a) $23\dfrac{4}{10}$ b) $23\dfrac{4}{100}$ c) $23\dfrac{4}{1000}$

5) The decimal form of one thousandth is

 a) 0.001   b) 0.01   c) 0.1

C. Write true or false for the following:

1) The expanded form of 45.01 is $40 + 5 + \dfrac{1}{10}$ [ ]

2) Decimals with equal number of digits after the decimal point are called like decimals. ☐

3) The number name for 234.56 is two hundred thirty four point fifty six. ☐

4) 75.5x1000 = 7550 ☐

D. Arrange the following in ascending order:

1) 6.13, 6.02, 6.81, 6.312

2) 23.6, 13.95, 18.7, 11.956

3) 36.67, 36.56, 36.04, 36.78

E. Write the number name of the following:

1) 345.678   2) 56.4   3) 16.04   4) 7.003

F. Convert the following fractions into decimals:

1) $34\frac{5}{100}$ 2) $5\frac{3}{20}$ 3) $17\frac{2}{25}$

G. Write the expanded form of the following:

1) 678.34   2) 86.09   3) 4.738

H. Solve the following:

1) 72.56 + 23.7 + 45.894   2) 123.9 + 73.56 +12.67   3) 18.56 – 7.137

4) 234.756 – 47.5   5) 23.45 x 2.5   6) 3.4 x 12

6) From the sum of 35.67 and 67.8, subtract 87.65.

7) From 123.5, subtract the sum of 45.23 and 13.67.

I. Divide the following:

1) 7.2 ÷ 8   2) 3.45 ÷ 1.5   3) 55.73 ÷ 0.13   4) 25.4 ÷ 4

_____