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STD - V

SEC - C

DATE - 21.11.21

1. Fill in the blanks :

- a) A decimal fraction is a fraction whose denominator is 10 or multiple of 10.
- b)  $\frac{133}{10}$  can be written as 13.3 in decimal.
- c) In 1265.356, .356 is the decimal part.
- d) A decimal point separates a whole number from a decimal fraction.
- e) If two decimal fraction have unequal number of decimal places, they are called unequal unlike decimal fractions.

- f) Rounding off 9.563 to the nearest hundredths, we get 9.56.
- g) Two fifteenths is the number name for 0.133.
- h) When multiplying decimal number by 100 the decimal point will move to two places right.
- i)  $0.3269 \times 1000 = \underline{326.9}$ .
- j) If  $245 \times 21 = 5145$ , then  $24.5 \times 21 = \underline{514.5}$ .

2. Do as directed :-

- a) Arrange in ascending order using  $>$  or  $<$ :  
12.02, 21.12, 20.12

Ans.  $12.02 < 20.12 < 21.12$

b) Write in expanded form : 1253.236

$$\begin{aligned} \text{Ans- } 1253.236 &= 1000 + 200 + 50 + 3 + 0.2 + 0.03 + 0.006 \\ &= 1000 + 200 + 50 + 3 + \frac{2}{10} + \frac{3}{100} + \frac{6}{1000} \end{aligned}$$

c) Convert to decimal :  $\frac{17}{25}$

$$\frac{17}{25} = \frac{17 \times 4}{25 \times 4} = \frac{68}{100} = 0.68$$

d) Arrange in descending order : 36.23, 56.20, 36.02

$$\text{Ans- } 56.20 > 36.23 > 36.02$$

e) Convert to fraction : 9.23

$$\text{Ans- } 9.23 = \frac{923}{100}$$





c. Simplify  $2000 - 236.45 - 589.963 + 0.3659$

$$= 2000 + 0.3659 - 236.45 - 589.963$$

$$= 2000.3659 - 236.45 - 589.963$$

$$= 1763.9159 - 589.963$$

$$= 1173.9529$$

d. Find the value :  $3.456 \times 3.65$

$$\begin{array}{r} \times 3456 \\ \times 365 \\ \hline 17280 \\ 20736X \\ 10368XX \\ \hline 12.61440 \end{array}$$

Answer = 12.6144

