

ST.ARNOLD'S CENTRAL SCHOOL, PUNE
PERIODIC TEST- 2, 2018-19
SUBJECT - MATHEMATICS

STD: V

M.M: 30

1. Fill in the blanks: (4x1=4)

- To convert a fraction to percentage, multiply the fraction by _____.
- The method of finding the value of a unit to find the value of many units is called _____ method.
- To convert a decimal to percentage, just move the decimal point two places to the right and insert the symbol _____.
- _____ of two or more values is obtained by dividing the sum of all the values by the total number of values.

2. Choose the correct option and fill in the blanks: (3x1=3)

- $25\% =$ _____ ($\frac{3}{2}, \frac{1}{2}, \frac{1}{4}$)
- $30\% \text{ of } 100 =$ _____ (0.30, 30, 0.003)
- If a dozen bananas cost Rs.52, then the cost of $\frac{1}{2}$ dozen bananas is _____.
(Rs.26, Rs.104, Rs.25)

3. Solve the following using suitable properties of multiplication: (4x2=8)

- Find average of first four multiples of 5.
- Convert 0.24 to percentage.
- What percentage of 20 is 5?
- What is $5\frac{2}{3}\%$ of 900?

4. Do as directed: (3x2=6)

a. Express fractions as percentages-

i) $\frac{57}{100}$

ii) $\frac{7}{10}$

b. Express percentages as fractions and reduce to the lowest term-

i) 20%

ii) 35%

c. Find the cost of 3 pairs of shoes, if each pair cost Rs.390.

5. Complete the table and re-do it :

(3x1=3)

Bill No. _____				
Name of the store: _____			Date: _____	
S.No.	Description	Quantity	Price per unit (Rs.)	Amount (Rs.)
1.	Atta	5 kg	16 per kg	
2.	Pulses	2 kg	60 per kg	
3.	Mustard Oil	3 litre	80 per kg	
			Total:	

6. Application:

(3x2=6)

a. For a homework assignment, Ravi was given 25 questions. He has completed 60% of the work, how many questions has he done?

b. Shruti saved Rs.122, Rs.215 and Rs.680 in 3 months. Find her average savings.