

ST. ARNOLD'S CENTRAL SCHOOL, PUNE

PERIODIC TEST-2, 2017-18

SUBJECT: MATHEMATICS

Class: V

MM: 30

1. Fill in the blanks:

(6×1=6)

- a) The decimal form of 50% is _____.
- b) If a dozen oranges costs Rs 46, the cost of half-dozen oranges is _____.
- c) While preparing a bill quantity of an item is _____ by the rate per unit.
- d) The average of 4 numbers is 28. Then, their sum is _____.
- e) 25 out of 100 means _____ %.
- f) $0.06 =$ _____ %

2. Write whether true or false:

(4×1=4)

- a) 45 cm is 45% of a meter.
- b) To convert decimal to percentage just move the decimal point two places to the right.
- c) The average can only be a whole number and cannot be a decimal number.
- d) Fractions, decimals and percentages are all different ways of writing the same thing.

3. Choose the correct answer:

(4×1=4)

- a) $\frac{3}{5} =$ _____ %
i) 60 ii) 20 iii) 40
- b) Average of 10, 20, 30, 40 and 50 = _____
i) 30 ii) 32 iii) 60
- c) 54% of 450
i) 250 ii) 243 iii) 263

d) Which is bigger?

i) 10% of 80

ii) 40% of 80

iii) 80% of 80

4. Solve:

(5×2=10)

- Raman bought a shirt for Rs. 750. Her sister's dress cost 80% of the price of the shirt. What is the price of her dress?
- If 10 out of 50 apples in a basket are rotten. What is the percentage of good apples?
- Find the volume of a cube of side 17 meter.
- Find the average of first 5 prime numbers. (Write the answer in decimals.)
- Reema saved Rs. 60 in January, Rs. 65 in February, and Rs. 72 in March. Find her average savings.

5. Do as directed:

(2×3=6)

- Prepare a bill and calculate the total for the following: 10 note books at Rs. 20 each, 6 pens at Rs. 15 each, 5 boxes of pastel colours at Rs. 35 each and 7 drawing books at Rs. 20 each. (Prepare the bill in tabular form).
- Draw a grid of 100 and colour 40% green and remaining percent red.