

ST.ARNOLD'S CENTRAL SCHOOL, PUNE  
TERM – 2 EXAMINATION, 2017-18  
SUBJECT – MATHEMATICS

STD : V

M.M : 50

**1. Fill in the blanks:** (1x6=6)

- a. The \_\_\_\_\_ point separates the fractional part from the whole number part.
- b. The word percentage means out of \_\_\_\_\_.
- c. The line that divides an object into two equal halves is called the line of \_\_\_\_\_.
- d. Every map has a \_\_\_\_\_ given below it to explain the various symbols used in the map.
- e. A \_\_\_\_\_ graph is a statistical method of representing data.
- f. The price at which an item is sold is called \_\_\_\_\_ price

**2. Choose the correct option and fill in the blanks:** (1x8=8)

- a.  $110^\circ$  and  $70^\circ$  are \_\_\_\_\_ angles.(complementary/ supplementary)
- b.  $8\% = \frac{\quad}{\quad}$  (0.08/ 800)
- c. An angle whose measure is greater than  $90^\circ$  is called \_\_\_\_\_ angle.(obtuse/ acute)
- d. When profit is expressed as a percentage, it is called \_\_\_\_\_ (gain% / loss %)
- e. \_\_\_\_\_ helps us to calculate the actual distance between any two given places on the map. (scale/ key).
- f. An object is said to have \_\_\_\_\_ symmetry if it looks the same after rotation.(right/ rotational).
- g. We use an instrument called a \_\_\_\_\_ to measure the angle. (compass/ protractor).
- h. A \_\_\_\_\_ is a pattern that you can cut and fold to make a model of a solid shape. (net/ reflection)

**3. Solve the following:** (1x5=5)

- a.  $85.52 \times 4$
- b.  $6.6 \div 2$
- c. 6% of 100cm
- d. Selling Price =Rs.400, Profit = Rs.100, find the Cost Price
- e. What percentage of 60 is 42?

**4. Do as directed:** (2x8=16)

- a. Find profit for the following
  - i) Cost Price=Rs.798, Selling Price = Rs.1040
  - ii) Cost Price = Rs.550, Selling Price = Rs.760.50

b. Find the average of the following numbers.

- i) 10,20,30,40,50
- ii) First six multiples of 8

c. Express the following as fractions and reduce to the lowest term.

- i)  $16\frac{1}{4}\%$
- ii) 70%

d. For the number 236.978 write the digit in the-

- i) thousandths place
- ii) tenth place

e. Arrange the following in Ascending Order

- i) 9.82, 9.9, 9.795
- ii) 20.3, 30, 23.25

f. Arrange in columns and subtract the following numbers

- i)  $333.03 - 33.341$
- ii)  $92.7 - 86.85$

g. Find complementary angle of

- i)  $50^\circ$
- ii)  $70^\circ$

h. Draw and find the order of rotational symmetry for the following figure.



**5. Construct the following angles:**

(2x2=4)

- a.  $120^\circ$
- b.  $90^\circ$

**6. Application:**

(2x3=6)

- a. For an assignment Sheena was given 40 questions. She has completed 70% of the work, how many questions has she done?
- b. Amol sold his bicycle for Rs.3500. If he had paid Rs.2500 for it, did he make a profit or a loss? As per that calculate the profit % or loss %.
- c. 5 children weigh 45.2kg, 69.6kg, 50kg, 36.123kg and 66.145kg. Find their total weight.

**7. Graph:**

(5x1=5)

- a. On a poultry farm, a farmer was calculating the number of eggs produced on his farm for four months of the year.  
The number of eggs produced in the month of February was 3500, in April it was 4000 eggs, in January it was 500 eggs and in the month of March it was 1500 eggs.  
Make a table to show this information and represent it in the form of a bar graph by taking suitable scale.