

ST ARNOLD CENTRAL SCHOOL, PUNE
TERM 2 EXAMINATION 2017-18
SUBJECT: MATHEMATICS

STD IV

MM:50

Q1 Fill in the blanks: (6)

- a) Fractions having the same denominators are called _____ fractions.
- b) If the selling price is higher than the cost price, there is a _____.
- c) The better unit to measure the weight of your school bag is _____.
- d) 7 km = _____ meters.
- e) Area of a rectangle = length x _____.
- f) The line that divides the shape into two similar halves is called the line of _____.

Q2 Choose the correct answer: (6)

- a) If cost price is > selling price then there is a _____ (profit/ loss)
- b) $\frac{3}{4} + \frac{7}{4} =$ _____ ($\frac{10}{4}$ / $\frac{10}{8}$)
- c) $400\text{m} + 5\text{ KM} =$ _____ km _____ m (5,400 , 4 05)
- d) $13\text{ Kg} + 2\text{ Kg } 300\text{g} =$ _____ ($15\text{kg}300\text{g}$ / $13\text{kg},500\text{g}$)
- e) $7\text{Kg} \times 8 =$ _____ Kg (56 ,65)
- f) Length of a rectangle = _____ / breadth .(area/ perimeter)

Q3) Do as directed

1. Convert the following (2)

- a) 530 km = _____ mts
- b) 3000 mts = _____ km

2. Find the sum (4)

- a) $5\text{m } 86\text{ cm} + 3\text{m } 67\text{cm}$
- b) $6\text{ Kg } 200\text{ g} + 7\text{ Kg } 400\text{g}$

3. Find the difference (4)

- a) $7\text{ Kg } 835\text{ g} - 3\text{ Kg } 089\text{ g}$
- b) $59\text{ Km } 070\text{ m} - 38\text{ Km } 050\text{ m}$

4) Find the product (4)

a) $7\text{m } 32\text{cm} \times 5$

b) $3\text{m } 64\text{cm} \times 6$

5) Find the quotient (2)

a) $60\text{ Kg } 840\text{g} / 12$

Q4 Application (10)

- Reena ate $\frac{6}{20}$ of the apples and her sister ate $\frac{9}{20}$ of the apples. All together how many apples did they eat?
- A man bought 2 hens for 420 each. He sold one for 540 and the other for 650. Find his total gain/loss.
- Shilpa bought a fan for Rs 2200. Due to some defect in it, she decided to sell it for 1800. Calculate her gain or loss.
- Raju bought 3 Kg 500g of onions and 4Kg 200g of tomatoes. What is the total weight of onions and tomatoes Raju bought?
- The length and breadth of a room is 20m and 8m respectively. What will be the area of the carpet needed to cover the floor of the room completely?

Q5. Draw a rectangle and a square and draw lines of symmetry (4)

Q6 complete the pattern and answer the following (4)

A B C D E F G H I J K L M N O P Q R S T U V W X Z

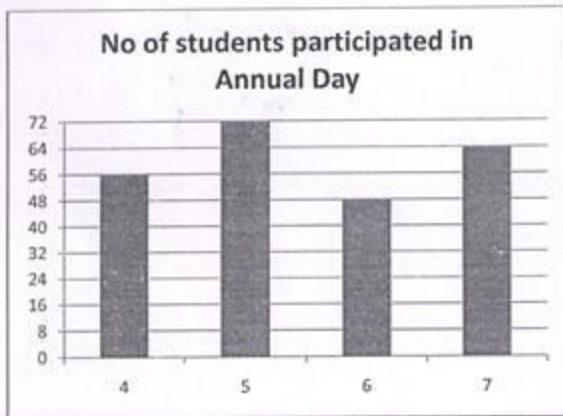
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17-----

- Crack the codes given below.
 - 2 5 12 9 5 22 5 13 5
 - 8 5 12 16 21 20
- Form code for the following.
 - Obedience
 - Honesty.

Q7) Data handling

(4)

1. The following bar graph shows the number of students in various classes who took part in the Annual day programme. Look at the bar graph and answer the following questions .



Scale:
Horizontal Axis 1cm = 1 class
Vertical Axis: 1cm = 8 students

1. Which class had the maximum number of participants?
2. Which class had the least number of participants?
3. How many more students participated from class 5 than 6?
4. What is the total number of participants for the Annual day?