

GREENLAWNS SCHOOL, WORLI
Terminal Examination 2017
MATHEMATICS

Std: V
Date: 26/9/17

Marks: [80]
Time: 1 ½ hrs

QUESTION1

- a. There are 42376 bags of wheat in a godown. If each bag weighs 98kg, find the total weight of these bags. [3]
- b. Find the HCF of 252, 324, and 594 by long division method. [3]
- c. Solve: $\frac{1}{3} \times 2\frac{1}{2} + 3\frac{1}{3} \div \frac{2}{9} \times 3\frac{1}{8} - 1\frac{1}{12}$ [4]

QUESTION2

- a. Construct a square of side 3cm and draw the lines of symmetry. [3]
- b. Write the Hindu Arabic numeral for: [3]
- i. CDLXXV
ii. MMCCXXVI
iii. MDCXLII
- c. An express train from New Delhi to Howrah covers 1440 km in 18 hrs, while another train from New Delhi to Vadodara covers 1020km in 12 hrs. Which train is faster? [4]

QUESTION3

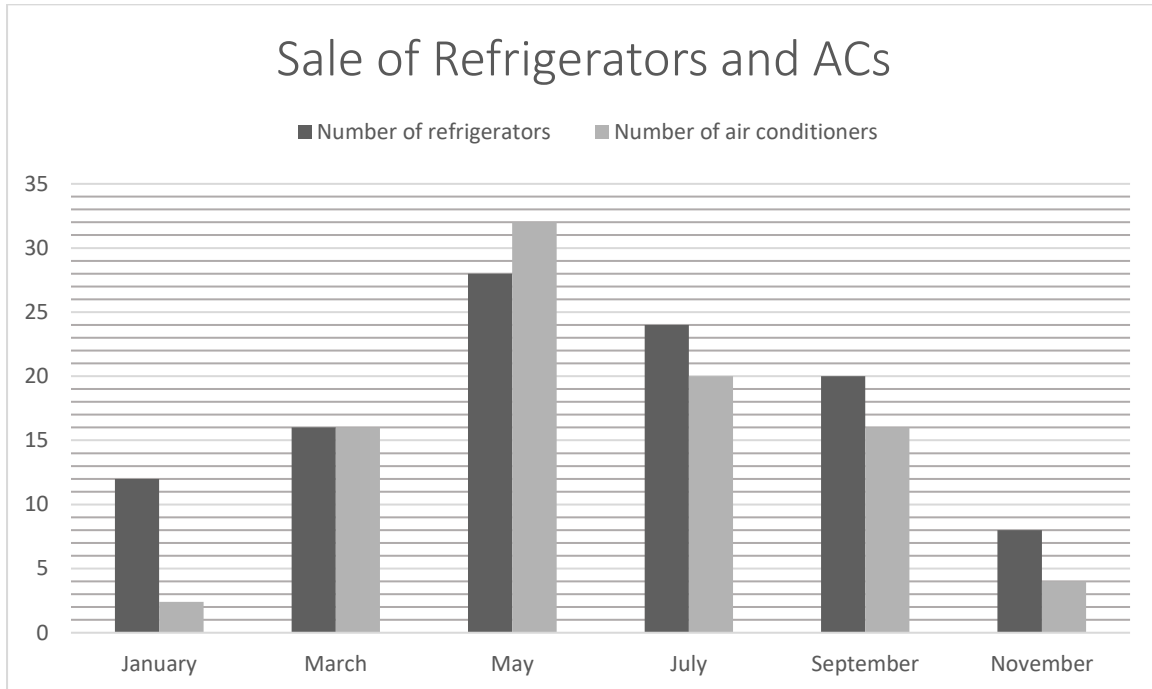
- a. Using the number line show $(+5)+(-3)$ [2]
- b. Solve: $\frac{5}{6} + \frac{3}{4} - \frac{1}{2}$ [2]
- c. Construct a line segment AB 6.4 cm and bisect it. [2]
- d. Find the HCF of 492 and 248 by prime factorisation method. [4]

QUESTION4

- a. Mark the period for 5973954 in the International system, write the number name in International system and rearrange the digits to get the greatest number [3]
- b. A wholesaler bought 72695 pieces of brass statues. Out of these 95 were found to be broken. The remaining statues were packed equally in 55 boxes. Find the number of statues packed in each box. [3]
- c. Solve: [2]
- i. $(-256) - (24)$
ii. $(354) + (-72)$
- d. Construct an angle PQR 132° using a ruler and a protractor. [2]

QUESTION5

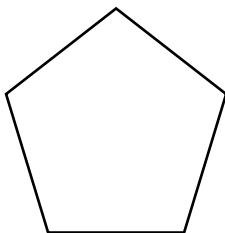
- a. The data shows a comparison between the number of refrigerators and air conditioners sold in a particular shop in six months. Observe the graph and answer the questions that follow [4]



- i. In which month is the sale of both products the maximum?
 - ii. In which two months was the sale of ACs the same?
 - iii. How many less ACs were sold than refrigerators in the month of January?
 - iv. How many refrigerators were sold during the entire period?
- b. A man bought $4\frac{1}{2}$ kg of apples, $2\frac{3}{4}$ kg of guavas and $3\frac{1}{5}$ kg of oranges. How many fruits did he buy? [3]
- c. Construct the angle ABC 72° with a ruler and protractor and bisect it using a compass. [3]

QUESTION6






- a. Simplify: $[37 - (-8)] + [11 - (-30)]$ [2]
- b. For the given figure draw the $\frac{1}{2}$ and $\frac{1}{4}$ turn [2]




- c. 50 people were asked what kind of sports was their favourite. Their responses are given below. Colour and label the pie graph. (Detach the pie graph(page no 5) and attach it to the answer sheet) [2]

Sports	Responses
HOCKEY	12
CRICKET	10
BADMINTON	10
TABLETENNIS	18

- d. Mrs Shah and Mrs Patel are planning a party for their classes. Observe the pictograph and the key given below and answer the following questions.[4]

Flavours	No. of votes
Chocolate	
Vanilla	
Chocolate Chips	
Cookie dough	
Strawberry	

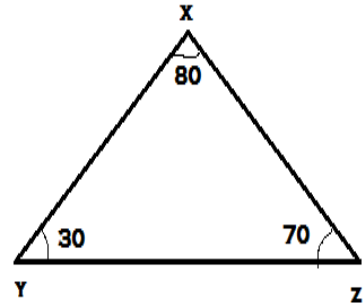
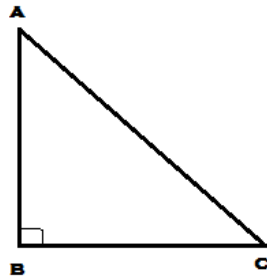
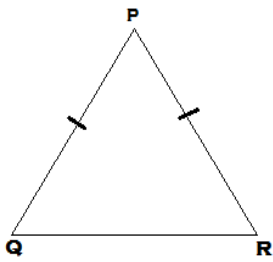
Key:  =2 votes

- Which two flavours did the students like the least?
- How many students voted for cookie dough and strawberry?
- How many more students voted for chocolate chip than vanilla?
- How many votes were there in all?

QUESTION7

- Round off 12858 to nearest 10 and nearest 100 [2]
- Using a number line solve $(-3) - (+2)$ [2]
- The HCF and LCM of two numbers are 25 and 2250 respectively. If one of the number is 250. Find the other number. [3]

- d. Identify the types of triangles given below and write its name. [3]



QUESTION8

- a. At a certain place the total rainfall is 217cm during the month of August. Find the average daily rainfall. [2]
- b. What is the lowest number which when divided separately by 15, 20, 48, and 36 leave a remainder of 9 in each case. [2]
- c. A train travels 156km in 3hrs. Find its speed. [2]
- d. Solve: $\left(\frac{1}{3} + \frac{7}{15}\right) \div \left(\frac{5}{6} - \frac{3}{5}\right) \times \frac{7}{30}$ [4]
-

QUESTION6

c. To be attached to the answer booklet

