

**GREENLAWNS HIGH SCHOOL
FINAL EXAMINATION YEAR 2018**

SUBJECT : MATHEMATICS
TIME : 2 HOURS

CLASS : V
MARKS : 80

Note :-

This paper has two sections. Section I & Section II. Each section is of 40 marks.

Section I is to be answered on the question paper itself.

Section II is to be answered in the answer booklet provided to you.

Section I is to be attached to the answer booklet & submit it.

Do not copy the questions. Rough work must be done on the same page alongside the sum.

Show necessary steps.

Section I (40 Marks)

Q.1 A Fill in the blanks.

(10)

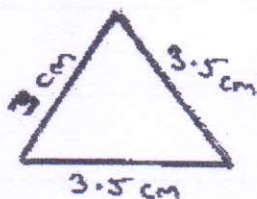
- i. The L.C.M of 2 & 3 is _____
- ii. 12% of 100 = _____
- iii. $|-23| =$ _____ & $|+23| =$ _____
- iv. $8.15 \div 100 =$ _____ write in the form of decimal
- v. 200mm _____ 20cm (use $<$, $>$ or $=$)
- vi. $\frac{7 \times \square}{4 \times \square} = \frac{35}{20}$
- vii. The reciprocal of 50 is _____
- viii. The sum of all angles of a triangle is _____
- ix. The profit of Rs.520 is earned on a mixer whose cost price is Rs.8938, then the selling price of mixer = _____
- x. The shaded portion given below is represented in the form of a mixed fraction as _____



B. Identify the types of triangles on the basis of given information.

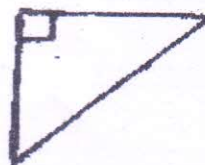
(3)

i)



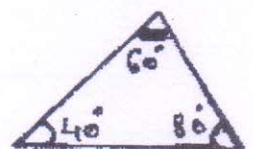
ans i - _____

ii)



ans ii - _____

iii)



ans iii - _____

C. Find the HCF of the following numbers using long division method
348, 744.

(2)

D. Do as directed. Working must be shown.

(5)

i. Convert 0.85 into percentage.

Ans. _____

ii. Express 1% as decimal.

Ans. _____

iii. $234 \text{ dg} =$ _____ dag

Ans. _____

iv. Subtract 2.18 from 6.

Ans.

v. Name the basic unit of mass in the metric system of measurement.

Ans.

E. State whether the following pairs of fractions are equivalent or not.

(2)

i. $\frac{19}{38}$, $\frac{38}{19}$

ii. $\frac{10}{20}$, $\frac{50}{100}$

F. Draw a circle of radius 3.2 cm. Then measure & write the length of its diameter. (2)

G. Rearrange as per the instruction given in the brackets. (2)

i. 5.678 , 5.687, 5.876 , 5.877

(Write in descending order)

Ans.

ii. 0.0288 , 0.288 , 2.088 , 0.0028

(Write in ascending order)

Ans.

H. Solve the following.

i. 7 kg 3hg 8 dag 3g \div 3

(2)

ii. $18\cancel{L}350\text{ mL} \times 6$

(1)

iii) $20\text{ kg} - 1\text{ kg } 300\text{ g}$

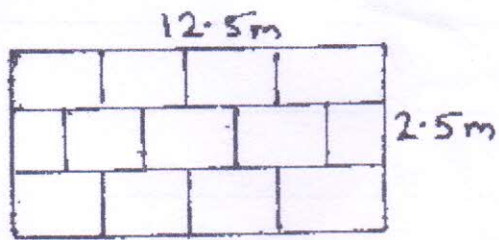
(1)

I. Draw $\angle PQR$ of measurement 135° using a ruler & a protractor & bisect it using a compasses. Name the angle bisector. (2)

J. Find the area of each of the following figure.

(4)

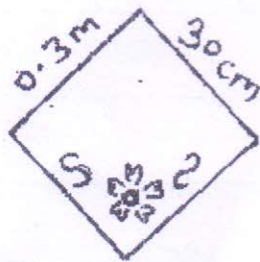
i)



Rectangular brick wall

Ans -


ii)

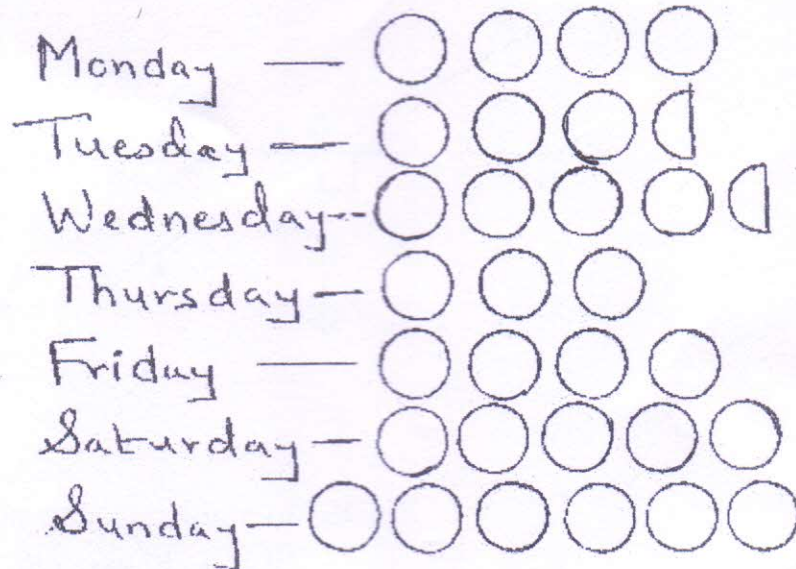


Square
pillow
cover

Ans -

K. The pictograph given below represents the sale of milk in a milk booth on 7 days of a week. Read it carefully & answer the questions that follow. (4)

One  = 10 litres of milk



i. How many litres of milk was sold on Tuesday?

Ans: _____

ii. On which two days, was the same quantity of milk sold?

Ans: _____

iii. On which day, did the shopkeeper sell the maximum quantity of milk?

Ans: _____

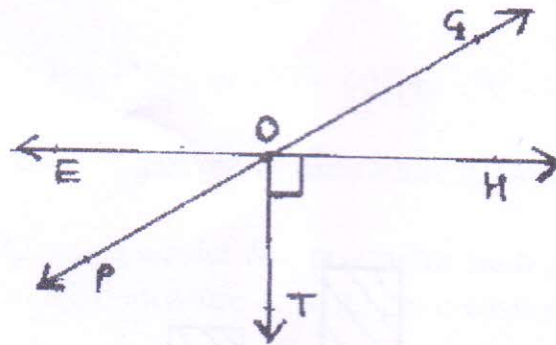
iv. Find the total quantity of milk sold in the week.

Ans: _____

SECTION II (40 MARKS)

Attempt all questions from this section.
Answers to be written in answer booklet.

Q.2 A. Observe the figure given below & answer the questions that follow. (5)



I Name

- i. A vertically opposite angle of $\angle GOE$
- ii. The adjacent angle of $\angle TOP$
- iii. Vertex of $\angle HOG$
- iv. A right angle

II Find

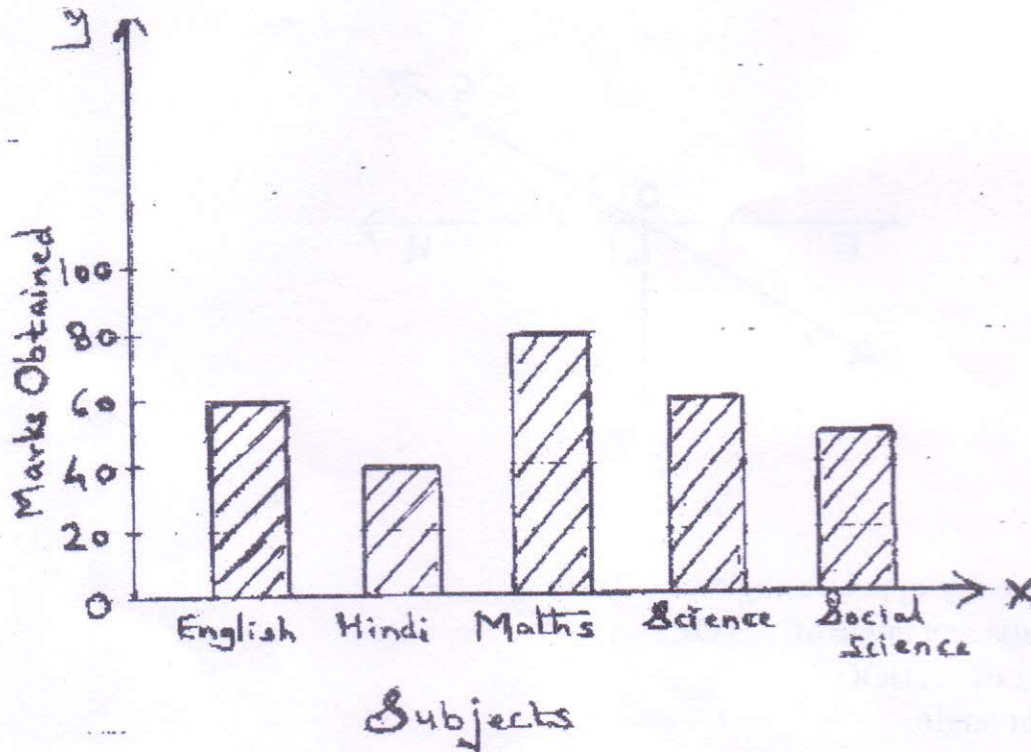
- i. $m \angle GOH$ if $m \angle EOP = 48^\circ$. Give reason.
- ii. Complementary angle of $\angle GOH$
- iii. Supplementary angle of $\angle HOT$

B. The product of two numbers is 720. If their LCM is 30, what is the HCF? (3)

C. i. Add -178 & -22 (1)
ii. Subtract -500 from 1000 (1)

Q.3 A A musical show was organized in a park. 36% of visitors were children & the rest (2)
were adults. How many adults visited the show if the total number of visitors were
1450?

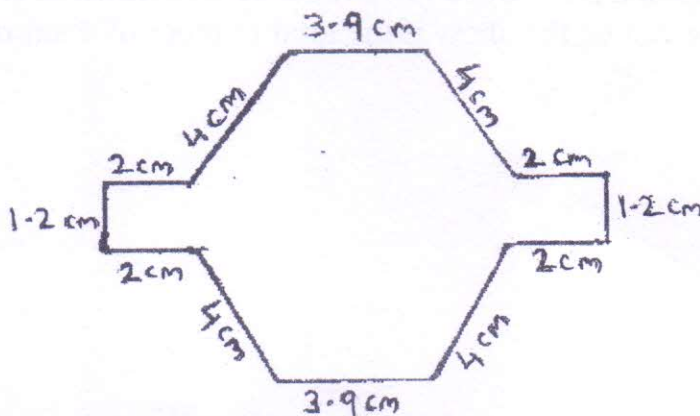
- B The parent of a child was given the following bar graph at the open house representing child's performance. (4)
- Study the bar graph carefully & answer the questions that follow.



- In which subject has the child scored the highest marks?
 - In which subject has the child scored the minimum marks?
 - In which subjects has the child scored same marks?
 - Write the total marks obtained by the child.
- C In a right angled triangle one angle measures 45° , find the third angle of the triangle. (2)

D. Give the decimal & fractional expansion of 6.397 (2)

Q.4 A Find the perimeter of the following figure. (2)



B. Solve the following.

- i. 12×0.004 (1)
- ii. Mrs. Rao buys $1\frac{1}{4}$ kg of ghee for a recipe that needs 1250 g of ghee. Did she buy enough ghee? (1 ½)
- iii. $2\frac{1}{2} - \frac{1}{3}$ (1 ½)

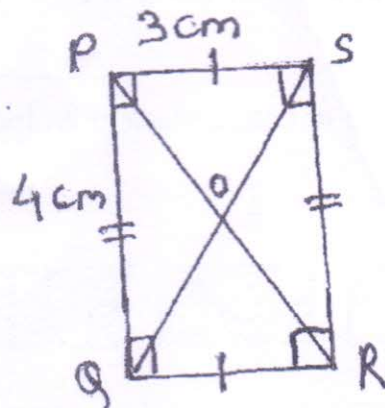
C. In a \square PQRS, $m \angle P = 110^\circ$, $m \angle Q = 60^\circ$, $m \angle R = 98^\circ$ then find the measure of $\angle S$ (2)

D. Find the circumference of a circle whose radius is 14 cm. (2)

Q.5 A Construct a $\triangle NRT$ using a ruler & a protractor such that $m \angle R = 127^\circ$, $m \angle T = 25^\circ$ & $\perp(RT) = 5.5$ cm. Also measure & write the measure $\angle RNT$. (3)

B Following are the measurements of three sides of a triangle. Can you construct a triangle with these measurements? Give reason. (3)
10 cm, 5 cm, & 3 cm

C Observe the figure given below & answer the questions that follow :- (4)



- i. Identify the type of a quadrilateral.
- ii. Name two diagonals of the above quadrilateral.
- iii. Find the lengths of side SR & side QR. Give reasons for your answers.