

**GREEN LAWNS HIGH SCHOOL
FINAL EXAMINATION YEAR 2020**

**SUBJECT: MATHEMATICS
TIME: 2 HOURS**

**CLASS: V
MARKS: 80**

- This paper has 2 sections – Section A & Section B.
- Section A has to be solved on the question paper itself.
- All rough work to be done next to the sum.
- Please be neat.

Section-A

Q.1.: Fill in the blanks:

[10]

i) $50\% =$ _____ (Change to a fraction in reduced form)

2) A _____ extends indefinitely in both directions.

3) $\frac{2}{3} + \frac{1}{3} = \frac{\boxed{}}{3} = \boxed{}$

4) $\frac{3}{1000} = \boxed{}$ (Change to decimals)

5) $12.080 + 4.67 = \boxed{}$

6) $3(6+4) = \boxed{}$

7) $4\frac{7}{8} = \frac{\boxed{}}{\boxed{}}$ (Change to improper fraction)

8) $46.4 \div 10 = \boxed{}$

9) $18 \times \frac{2}{3} = \boxed{}$

10) $\frac{3}{7} = \frac{18}{\boxed{}}$

Q.II.

i) Simply the ratio : $\frac{4}{7} : 8$

[2]

ii) Find : a) The complement of 64°

[1]

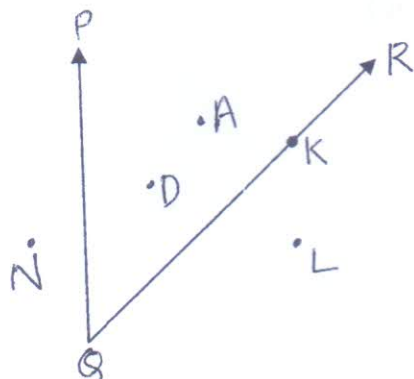
b) The supplement of 88°

[1]

iii) Find the average runs scored by Ram if he scored 36,72, 06,42,14 runs in his innings.

[3]

iv)



[3]

Look at the above figure carefully and answer the following questions:

a) Name the points in the interior of $\angle PQR$

b) Name the points in the exterior of $\angle PQR$.

c) Name the point on the $\angle PQR$

Q.III:

i) Simplify : $7 [(18-6) + 2]$

[2]

ii) Add: $4.379 + 14.379 + 114.379 + 14$

[2]

iii) The temperature recorded in Mumbai in the month of January for 10 days were as follows:

[3]

18°C , 21.4°C , 23°C , 19.4°C , 20.2°C , 18.5°C , 24°C , 22.5°C , 25°C , 27°C
Find the average temperature.

iv) The ratio of textbooks to notebooks in a school bag is 3:4.If there are 21 books in the bag, calculate the number of textbooks and notebooks.

[3]

Q.IV.

i) What is 40% of 40 Chocolates.

[2]

ii) If 8 pencils cost Rs.96 , find the cost of 15 such pencils.

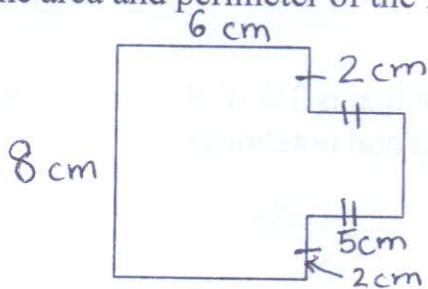
[2]

iii) Calculate the cost price of a shirt if the shopkeeper sold it for Rs.850 bearing a loss of Rs.96.

[2]

iv) Find the area and perimeter of the following figure.

[4]



SECTION B

Q.V.:

i) A dealer purchased 200 mangoes from the market. Out of these mangoes, 24 mangoes got crushed. Find the percentage of the remaining mangoes. [3]

ii) Rohan wants to celebrate his sisters birthday party at home. Rohan purchased the following things from [3]

“HAPPY PARTY SHOP” Mumbai -36.

50 party caps for Rs.12 each

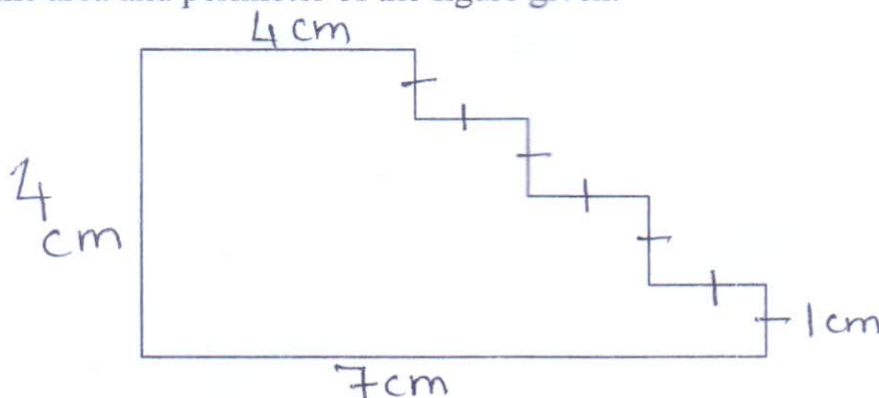
40 hooters for Rs.30 each

50 masks for Rs.10 each

12 wafer packets for Rs.200 each.

Make a bill of all the party items purchased. Also find the final amount to be paid by him.

iii) Find the area and perimeter of the figure given. [4]



Q.VI:

i) In ΔABC , $\angle A = 48^\circ$, $\angle B = 63^\circ$, calculate $\angle C$. [3]

ii) Simplify : $0.2 \{0.8 + 0.2 (0.1 + 0.4)\}$ [3]

iii) A man bought 50 glass jars for Rs.200 each. While transportation, 7 of the jars broke. He sold the remaining jars for Rs.300 each. How much was his gain? Also find his gain percent? [4]

Q.VII.:

i) The cost of 4 litres of petrol is Rs.308. Find the cost of 15 litres of petrol? [3]

ii) Simplify: $\frac{2}{5} \times \frac{15}{18} \div \frac{9}{7} \times \frac{14}{54}$ [3]

iii) Sonia bought the following articles from “Nita Stationary Shop” Mumbai – 400 001. [4]

15 erasers for Rs.7 each

20 Pencils for Rs.10 each

40 notebooks for Rs.50 each

10 sharpners for Rs.9 each.

Prepare the bill showing the amount to be paid by Sonia.

Q.VIII.:

- i) Calculate the average of the following marks scored by Ram in his exam: [3]
86,72,94,88,70
- ii) Irfan has a gain of Rs. 2500 by selling a computer for Rs.16000. How much [2]
did he pay for the computer?
- iii) Out of the ratios given below pick out the ratio which is not equivalent to the [3]
others. (show the working for each ratio)
48:96,70:140, 81:27, 11:22
- iv) Find the area of a square whose each side measures 7cm. [2]

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