Class : V	**Mathematics**	**Date:**
Time:		**M. Marks:**

Name:_____ **Sec:**_____ **Roll No.:**_____

CH 1: LARGE NUMBERS

Q I   **Choose the correct option.**

1. Find the difference between 9 crores and 15 lakhs.

    a) 8,85,00,000   b) 9,15,00,000   c) 9,00,00,000

2. Write the successor of the largest 8-digit number.

    a) 999,99,999   b) 10,00,00,000   c) 8,88,88,881

3. Complete the series. XX, XXV, _____, XXXV, XL

    a) L   b) XXX   c) XVX

QII   **Do as directed.**

1. Make a greatest 7-digit number without repeating any of the given digits
    : 8, 7, 4, 0, 3, 5, 2

2. Arrange the following in descending order:

    34,18,745 ;   19,18,645; 2,18,18,645; 7,07,745

QIII   **Solve the following.**

1. What is the place of the number 2 in the number 45,975,247?

2. Write in Roman numerals for :

    a) 99   b) 45

Q-IV   **Solve the following word problem.**

1. The village panchayat in Rampur spent Rs.34,454 on cleaning a polluted
    pond in the village. (Round the given information to the nearest 1000)

CH 2: ADDITION AND SUBTRACTION AND THEIR APPLICATIONS

Q I　　　　**Choose the correct options**

1.　　8Ten crores + 9Lakhs + 8Hundreds = _____

a) 80,09, 00, 800　　　　b) 89,800　　　　c) 80,90,800

2.　　There will be neither a loss nor a profit when S.P. _____ C.P.(Put the sign of >, < or =.)

a) Less than　　　　　　b) Equal to　　　　c) Greater than

QII　　　　**Do as directed.**

1.　　Subtract:

4,52,178 - 3,49,000

2.　　Find the cost price:

 S.P. = Rs. 5,400 ; Profit = Rs.495

QIII　　　　**Solve the following.**

1.　　Fill in the boxes:

　3 4 6 5 □

+2 □ 5 □ 6

　6 2 2 2 2

2.　　Find Profit or Loss : C.P. = Rs. 20,400 ; Overheads= Rs. 1500

S.P. = Rs. 18,500

Q-IV　　　　**Solve the following word problem.**

1.　　Reena sold a carpet for Rs10,000 at a profit Rs 2,000. Find the price at which she bought it.

Class : V	**Mathematics**	Date:
Time:		M. Marks:

Name:_____ Sec:_____ Roll No.:_____

CH 1: LARGE NUMBERS

Q I   **Choose the correct options.**

1.   The smallest 8- digit number with 5 as one of the digits is

_____ .

a) 1,85,00,000   b) 1,00,00,005   c) 85

2.   The digit with the same place value and the face value in 31,09,804 is ____

a) 0   b) 3   c) 1

3.   Find the sum of the greatest 6-digit number and the smallest 5- digit number.

a) 999999   b) 10000   c) 1009999

4.   The Hindu Arabic numeral for XL is _____

a) 60   b) 40   c) 45

QII   **Do as directed.**

1.   2,97,10,999 is the predecessor of ___

2.   Round to the nearest 1000 :

a) 999   b) 88, 645

3.   By how many times do the place values of the digits increase from right to left in a number?

4.   What is the difference between the place value and face value of 5 in 91,25,678?

QIII   **Solve the following.**

1.   Write the expanded form of 5,00,42,720

2. Write the Roman numerals for :

(a) 95   (b) 67

3. What is the successor of the greatest 7- digit number?

4. Write the number name of 42,78,450?

CH 2: ADDITION AND SUBTRACTION AND THEIR APPLICATIONS

Q I   **Choose the correct options.**

1. What must be added to 83,479 to get the smallest 6- digit number?

     a) 83,485   b) 16,521   c) 1,00,000

2. If one lakh fifty thousand added to five crore nine thousand is_____.

     a) 50159000   b) 11590000   c) 50590000

3. 1,00,000 – 999 = _____

     a) 9,999   b) 99,999   c) 99,001

4. Add 2,90,586 to 4,36,583

     a) 7,27,169   b) 7,87,500   c) 7,59,400

QII   **Do as directed.**

1. Add : 4,11,598 + 8,76,557

2. If cost price of an article is Rs.560 and its selling price is Rs.430.Find profit or loss?

3. If S.P = Rs. 4,586 and profit = Rs. 186, What is the C.P?

4. Subtract 18,603 from 30,000.

QIII   **Solve the following:**

1. Find Profit or Loss : C.P. = Rs. 20,550 ; S.P. = Rs. 23,025

2. If * - 2 = 23, what is * + 2?

3. Subtract. Check your answer by addition.

   4,10,350 – 19,305

4. What should be added to 85,000 to get 2,00,000?

Q-IV **Solve the following word problem.**

1. Jeevan sold his watch at Rs. 2350 and incurred a loss of Rs. 250. At what price had he bought the watch?

2. A shopkeeper buys a TV at Rs.42000 and sells it a Rs.45000. What is his profit or loss?

CH3: MULTIPLICATION AND DIVISION AND THEIR APPLICATIONS

Q I **Choose the correct options.**

1. 178301 x 0 x 678 = _____

   a) 678   b) 1,78,301   c) 0

2. ___ ÷ 110 = 20

   a) 2200   b) 200   c) 20

3. If divisor =10, quotient = 25, remainder = 5, the dividend is_____.

   a) 250   b) 245   c) 255

QII **Do as directed.**

1. Multiply the following:

   a) 6525×725 b) 3,612 x 438

2. Divide the following:

   a) $4625 \div 25$ b) $53,960 \div 41$

3. What number should be added to 3,456 to get 7,890?

4. Find the product of the smallest three-digit number and the largest two-digit number.

QIII   **Solve the following.**

1. Divide and check your answer by multiplication: $62,032 \div 56$

2. Find the average of the first 5 multiples of 2.

3. The cost of 12 kg of sugar is Rs. 240. What will be the cost of 3 kg of sugar?

4. Find the average of the first 3 even numbers.

Q-IV   **Solve the following word problem.**

1. When a number is divided by 35, it gives a quotient of 270. What is the number?

2. The difference between two numbers is 30,972. If one of the number is 4,560. What is the other number?

CH 4: FACTORS AND MULTIPLES

Q I   **Choose the correct options.**

1. What is the smallest factor of a number?

   a) one   b) Number itself   c) Zero

2. What is the fifth multiple of 15?

   a) 62   b) 75   c) 90

3. The HCF of 3 and 17 is _____.

   a) 2   b) 1   c) 13

4. Which of the following are not multiples of 2?
   a) 6   b) 18   c) 9

QII   **Do as directed.**

1. Find the factors of 25.

2. Write the first four multiples of 20.

3. Check whether the given number is divisible by 3 or not: 23652

4. What are the first three even multiples of 9?

QIII **Solve the following.**

1. Find the H.C.F. of 25 , 40

2. Find the L.C.M. of 45, 65, 75

3. What are the common factors of 9 and 36?

4. Check whether the given number is divisible by 3 or not: 23652

CH 8: GEOMETRY

Q I **Choose the correct options.**

1. Half of a right angle is ——————-
   a) 90°   b) 35°   c) 45°

2. Name the angle which measures more than 0° degree but less than 90°.
   a) Obtuse angle   b) Acute angle   c) Right angle

3. The measure of straight angle is _____.
   a) 180°.   b) 95°.   c) 55°

4. Two right angles together make a _____.
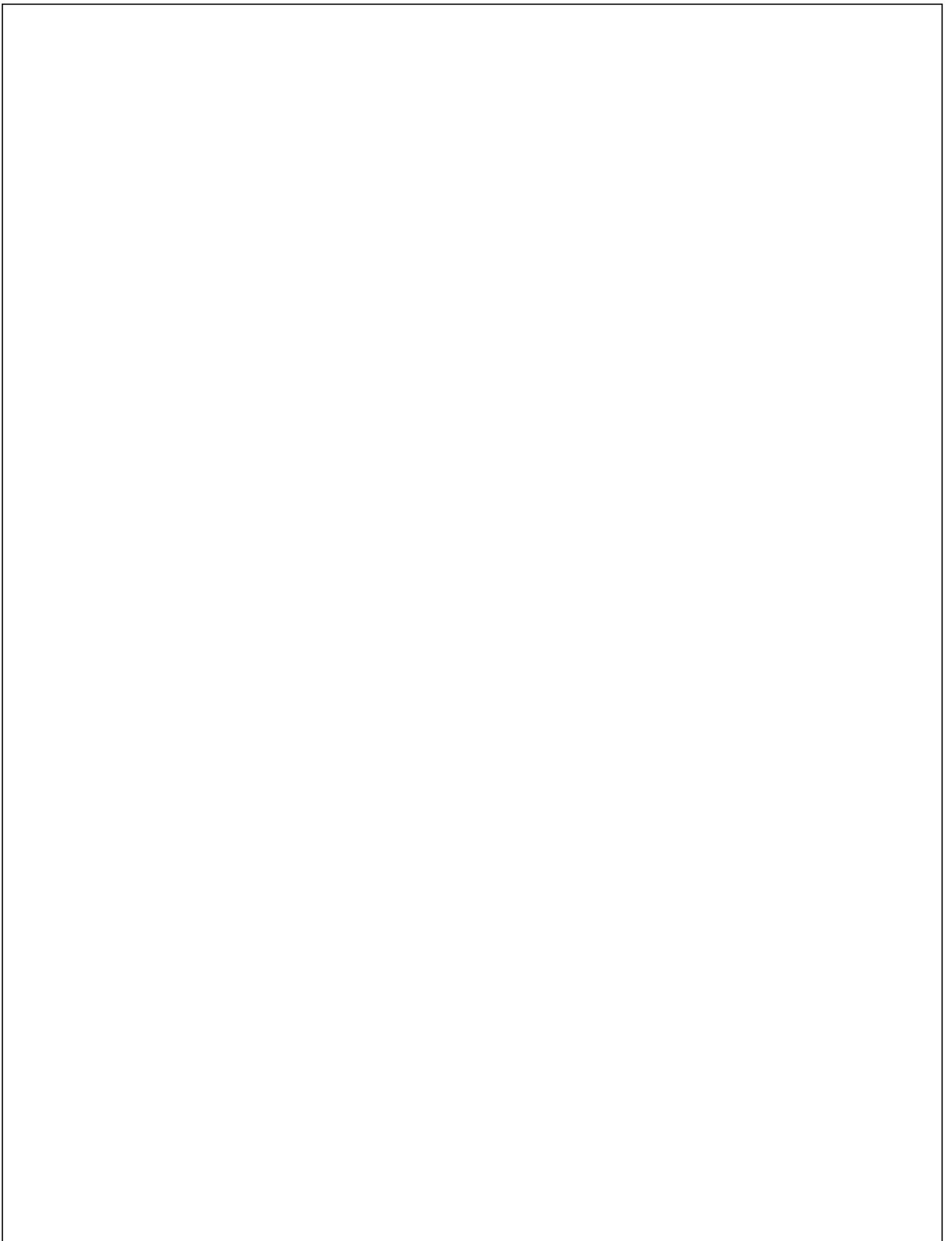   a) 90°.   b) 110°.   c) 180°

QII **Do as directed.**

1. Define and draw an acute angle.

2. Define and draw a right angle.

QIII   **Solve the following.**

1.   Measure the following angle and write its type.

2.   Fill in the blanks:

a) An _____ angle measures less than 90° and more than 0°.

b) A _____ can be extended in both directions.

c) A _____ can be extended only in one direction.

CH11:TIME,SPEED AND TEMPERATURE

Q I   **Choose the correct options.**

1.   Write the interval between 7:15 am and 8:05 am in seconds?

a) 50 sec   b) 3000 sec   c) 10 sec

2.   How many degrees does the minute hand of a clock turn through in 15 minutes?

a) 90°   b) 30°   c) 40°

3.   3 hour 30 minutes = _____minutes

a) 175 minutes   b) 210 minutes   c) 255 minutes

4.   How many hours are there in the month of April?

a) 720   b) 240   c) 702

QII   **Do as directed.**

1.   Subtract the following: 6h 40min - 5h 35min

2.   What time is it 3 hours before 4: 40 a.m.?

3.   Convert into seconds : 5 minutes 20 seconds

4.   Shiela reached the library at 12: 05 p.m. The bus ride to the library lasted 45 minutes. At what time did Shiela board the bus?

QIII   **Solve the following.**

1.   Add the following: 6 years 9 months + 4 years 6 months

2.   At what time does the hour hand point between digits 1 and 2, and the minute hand at 6?

3.   How many quarter hours are there in $2\frac{1}{2}$ hours?

4.   What is 12 hours before 10:45 p.m.?

Q-IV   **Solve the following word problem.**

1.   A boat can travel at the speed of 12 km per hour. How far can a boat go in five hours?

CHAPTER 5 : FRACTIONS

Q-I **Choose the correct options.**

1. What is $\frac{16}{20}$ in lowest term?

   a) $\frac{5}{4}$ b) $\frac{4}{5}$ c) $\frac{6}{4}$

3. $\frac{9}{8}$ $=$ $\frac{63}{\square}$

   a) 48   b) 56   c) 7

Q-II **Do as directed.**

1. Find two equivalent fractions by division method for the fraction given: $\frac{40}{48}$

2. Compare the following fractions and put $>$, $<$ or $=$ in the blank given below:

   a) $\frac{2}{6}$ ___ $\frac{5}{6}$

3. Rearrange in descending order.

   $\frac{8}{11}$, $\frac{7}{11}$, $\frac{5}{11}$, $\frac{9}{11}$

Q-III **Solve the following.**

1. $3\frac{2}{8}$ $+$ $3\frac{1}{3}$

2. $\frac{3}{5}$ - $\frac{5}{7}$

3. $6\frac{2}{4}$ - $\frac{7}{8}$

Q-IV **Solve the following word problems.**

1. Manish jogged $\frac{4}{5}$ km on Saturday and $\frac{5}{4}$ km on Sunday. What distance did he jog during the weekend?

CHAPTER 7: SYMMETRY, PATTERNS AND NETS

Q-I   **Choose the correct options.**

1.   Complete the pattern:

1, 2, 5, 14, _____,

a) 41   b) 40   c) 42

Q-II   **Do as directed.**

1.   Change the shape so that the new shape looks the same on a $\frac{1}{4}$ turn.

(a)   b)

Q-III   **Solve the following.**

1.   Draw the lines of symmetry for these shapes.

a)   b)

Chapter : 4 Factors and Multiples

Q-I   **Choose the correct option.**

1.   What is the smallest multiple of a number?

    a) one   b) Number itself   c) Zero

2.   Two numbers 17 and 13 have no common factors. Their LCM is ___

    a) 17 + 13   b) 17 x 13   c) 17 - 13

3.   The prime factorisation of 24 is:

    a) 2 x 2 x 2 x 3   b) 2 x 2 x 3 x 3   c) 2 x 2 x 2 x 2

Q-II Do as directed.

1. Check whether the given number is divisible by 6 or not: 285

2. Construct a factor tree for 24.

3. Write the first two common multiples of 10 and 20.

Q-III Solve the following.

1. Find the HCF of 45, 65, 75.
2. Find the LCM of 21, 84, 63.

Chapter : 5 FRACTIONS

Q-I   **Choose the correct options.**

1.   A mixed number is a combination of a whole number and a _____
   a) numerator   b) denominator   c) fraction

2.   What is the lowest term of $\frac{10}{20}$?

   a) $\frac{5}{4}$ b) $\frac{3}{4}$ c) $\frac{1}{2}$

3.   A quarter of an hour = _____

Q-II   **Do as directed.**

1.   a) Define proper fractions.

2.   Solve: $\frac{4}{5} + \frac{3}{5} + \frac{2}{5}$

3.   Compare using >, < or =.

   a) $\frac{7}{8}$ —— $\frac{7}{9}$

4.   Reduce the following in its lowest term.

     a) $\frac{35}{90}$

Q-III   **Solve the following.**

1.   Solve the given fraction in its simplest form.

   a) $8\frac{1}{5} - 2$ b) $1\frac{7}{9} + 4\frac{5}{6}$

2.   Find two equivalent fractions of each. Use multiplication or division method.

   a) $\frac{13}{12}$ b) $\frac{15}{20}$

3.   Arrange in ascending order.

   $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$

Q-IV   **Solve the following word problems.**

1.   There was $\frac{4}{5}$ kg sugar at home. $\frac{1}{3}$ kg sugar was used to make payasam. How much sugar is left?

2.   Manisha jogged $\frac{2}{3}$ km on Saturday and $\frac{3}{4}$ km on Sunday .What distance did he jog during the weekend?

Chapter 6: DECIMAL NUMBERS

Q-I   **Choose the correct options.**

1.   Write 16.83 in fraction form.

   a) $\frac{1683}{100}$ b) $\frac{1683}{1000}$ c) $2\frac{1683}{100}$

2.   1 hundredth = _____ thousandths

   a) 10   b) 100   c) 1000

3. $10 - 9.9 =$ _____

a) 0.01   b) 0.1   c) 0.001

4. How many 50 paise coins in Rs. 10.50?

    a) 21   b) 11   c) 105

Q-II   **Do as directed.**

1. Arrange in descending order.

    1, 1.1, 101, 1.001

2. Subtract: 20 - 6.98

3. Add : 10 + 1.95

4. Fill in the blanks with $<$,$>$, or $=$

    7.07 _____ 7.7

Q-III   **Solve the following.**

1. Write as fraction: 4.009

2. Write the expanded form as a decimal:

    10 + 0.3 + 0.007

3. Arrange in ascending order.

    5.3 ,3.5, 5.35, 3.53

4. Write as decimal: $\dfrac{6865}{1000}$

Q-IV   **Solve the following word problem.**

1. When Raju was born he weighed 3.80 kg. When he was 1 year old he weighed 10.5 kg. By how much did his weight increase in 1 year?

2. Bindu bought 5 m of ribbon. She used 1.85 m to wrap a gift. How much ribbon is left with her?

Chapter 7: SYMMETRY, PATTERNS AND NETS

Q-I   **Choose the correct options.**

1. Complete the pattern:

    1, 4, 13, 40, _____

    a) 121   b) 40   c) 142

2. Which of these shapes will look the same after a quarter turn?

    a) circle   b) square   c) both i and ii

Q-II   **Do as directed.**

1. Change the shape so that the new shape looks the same on a $\dfrac{1}{2}$ turn.
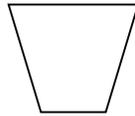
(a)

2. Complete the pattern given below:

  (a) 1, 3,7,15,31, _____, _____

Q-III   **Solve the following.**

1.   Draw the lines of symmetry for these shapes.

2.   Complete the table given below:-

Sr. No.	Shape	Quarter turn	Half turn
(a)			

Chapter 9: MEASUREMENTS

Q-I   **Choose the correct options.**

1.   10 km 250 m = ___ km

   a) 2500   b) 0.250   c) 0.0250

2.   Thickness of encyclopedia= 55 mm = _____ cm

   a) 5.5   b) 550   c) 0.55

3.   Length of a road = 0.45 km = _____m

   a) 4500   b) 450   c) 45

4.   Capacity of a bucket = 15500 ml _____ l

   a) 15.500   b) 5000   c) 155.00

Q-II   **Do as directed.**

1.   Convert: 0.85 l = _____ ml

2.   A packet of flour weighs 6800 g = _____ kg

3.   Convert 235 g into kg.

4   A snail moves 8 mm in 1 minute. How many cm will it move in an hour?

Q-III   **Solve the following.**

1.   Add: 6 kg 450 g + 5 kg 250 g

2. Subtract: 40 m – 80 cm

3. Convert 5 km 555 m into m.

Q-IV   **Solve the following word problems.**

1. Salma travelled 15.5 km by metro and 750 m by rickshaw. How many km did she travelled in all ?

2. A pencil box weighs 225 g. How much do 8 such pencil boxes weigh in kg?

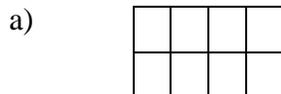## Chapter 10: PERIMETER, AREA AND VOLUME

Q-I   **Choose the correct options.**

1. What will be the area of a rectangle whose length is 6cm and breadth is 5cm?
   a) 30   b) 18   c) 15

2. Perimeter of a square = 36 cm. Its side = ____
   a) 3   b) 6   c) 9

3. Area of square is _____.
   a) 4 x side   b) side x side   c) 2 x side

4. The distance around a figure is _____
   a) area   b) volume   c) perimeter

Q-II   **Do as directed.**

1. Find the perimeter.
   a) Side = 15 cm   b) Length = 6 cm , Breadth = 5 cm

2. The perimeter of a square is 64 cm. Find the length of the sides of the square.

3. Find the perimeter of the following.
   a) Side =   9 cm

   b) Length = 7 cm,   Breadth = 5 cm

Q-III   **Solve the following.**

1. Find the area.
   a) Length = 6 cm , Breadth = 4 cm   b) side = 12 cm

2. Find the area. Each square is of 1 sq.cm.

   a)

   Area _____

3. Find the length of the side of a square with perimeter 44.

4. Find the area of a square whose perimeter is 40.

Q-IV   **Solve the following word problems.**

    1.   Find the cost of tiling the floor of a bathroom 4.50 m long and 4 m wide , if the cost of tiling is Rs. 200 per sq. m.

    2.   A barbed wire of length 212 m is used to fence a square garden. Find the area of the square garden?

Chapter 13 GRAPHS

Q-I   1.   This circle graph shows the votes for favourite games. There are 40 students in the class.

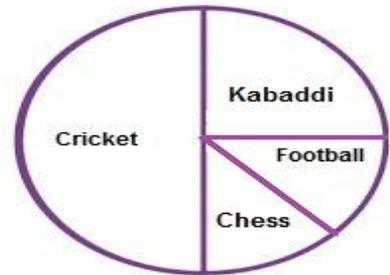   a) Find the number of votes in each

    game :

    Cricket = _____
    Kabaddi = _____
    Chess = _____
    Football =_____

    b) Which game got the maximum of votes?

    c) Which two games got the same number of votes?

    2.   The number of books sold in a bookstore is as given. Draw a line graph to show the data.

    August – 200, September- 400, October - 500, November - 600