<u>Note</u> : i. All answers to be written in the answer booklet provided. Show working
     wherever required.
    ii. Do not copy the questions
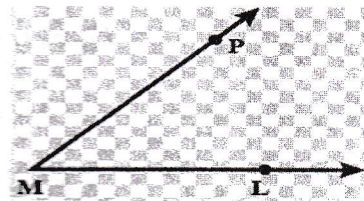   iii. Rough work must be done on the same page as the rest of the answer.

<u>Section A</u>

Q.1).A. Choose the correct option for the following questions given below (Do not copy the question):   **(10m)**

1. What is 50% of 200?
  (a) 50   (b) 100   (c) 150   (d) 200

2 .Eight-thousandths is written as
  (a) 8000   (b) 0.008   (c) 0.08   (d) 0.8

3. The L.C.M of 4 and 6 is
  (a) 12   (b) 18   (c) 10   (d) 22

4. An angle that measures more than 90^0 but less than 180^0 is called a/an _____ angle.
  (a) Straight   (b) Obtuse   (c) Reflex   (d) Acute

5. Which of the following is an improper fraction?
  (a) $\frac{3}{5}$ (b) $\frac{56}{9}$ (c) $\frac{8}{11}$ (d) $\frac{1}{9}$

6. The sum of the lengths of the sides of any figure is called _____.
  (a) Surface   (b) Perimeter   (c) Volume   (d) Area

7. The fraction equivalent to $\frac{2}{9}$ is
  (a) $\frac{16}{18}$ (b) $\frac{5}{35}$ (c) $\frac{8}{36}$ (d) $\frac{32}{40}$

8. What percent is 30 of 200 ?
  (a) 15%   (b) 20%   (c) 10%   (d) 25%

9. The H.F.C of 20 and 30 is
  (a) 30   (b) 10   (c) 5   (d) 20

P.T.O

10. In the adjoining figure, point M is called as _____ .

(a) Ray   (b) Line   (c) Vertex   (d) Arms

Q.I).B. State whether the following statements are true or false. If false correct the underline word.   **(5m)**

1. The improper fraction of $2\frac{1}{3}$ is $\frac{8}{3}$.
2. If the measures of two angles are equal , they are called <u>Congruent angles</u>.
3. 5.03 and 3.4 are <u>like</u> decimal fractions
4. The perimeter of a triangle with sides of 5cm , 6cm and 7cm is <u>12cm</u>.
5. The L.C.M of 12 and 15 is <u>30</u> .

Q.I).C. Complete the following table.   **(5m)**

Sr.no	Fractions	Decimals	Percentage
1.		0.5	
2.	$\frac{2}{5}$		
3.		0.3	30%

Q.II).   **(20m)**

1. Convert each of the following fractions into percent.

    i) $\frac{5}{4}$ ii) $\frac{25}{10}$
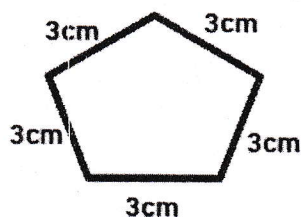
2. Write the expanded form of
   i) 858.067   ii) 520.54
3. Draw an angle whose measure is 155^0
4. Subtract $2\frac{3}{4}$ - $1\frac{2}{3}$
5. Find the L.C.M of 36 and 48 .
6. Find the perimeter of the figure given below:

3cm   3cm

3cm   3cm

3cm

P.T.O

7. Mulitiply : $\frac{9}{4} \times 2\frac{2}{3} \times \frac{2}{3}$

8. Simplify : $\frac{15}{20} \div \frac{30}{4}$

9. Find the perimeter of square whose each side is 23m.

10. Convert 0.0643 into percentage.

Section B

Q.III)
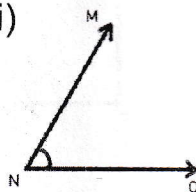
1. Identify the type. of anglesgiven below: (3m)

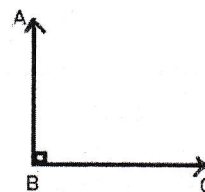i)   ii)   iii)

2. Divide 1453.2 ÷ 12 (write the quotient and remainder).   (3m)

3. Find the L.C.M OF 175 , 165 and 350   (4m)

Q.IV).

1. Find the perimeter of the rectangle whose length is 30cm and breadth is 25cm.   (3m)

2. Find $4\frac{1}{2}$ % of 2400kg   (3m)

3. Simplify : $2\frac{1}{2} \times 3\frac{1}{5} - 1\frac{2}{3} \times 2\frac{2}{5}$ (4m)

Q.V).

1. Evaluate : 14.98 – 8.256 + 15.29   (3m)

2. Find the H.C.F OF 144 , 180 and 192   (3m)

3. Suman bought some apples. Out of this , $2\frac{3}{4}$ kg apples were used for making juice and $2\frac{5}{6}$ kg apples were left. Find the total weight of apples she bought?   (4m)
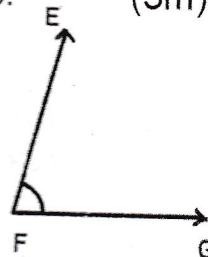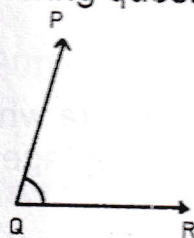
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Q.VI).

1. From the adjoining figures answer the following questions.　(3m)
   i). Write the names of the angles.
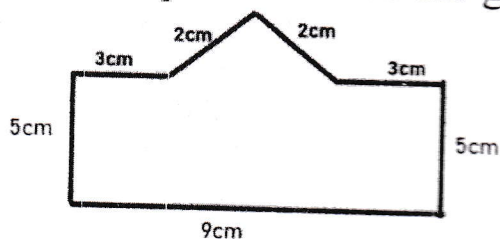   ii). Write the measure of the angles.
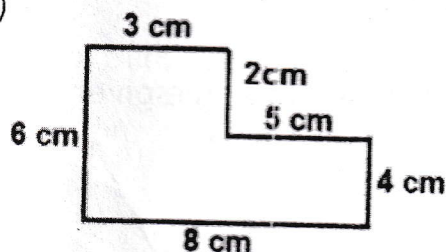   iii). Are the angles congruent to each
        other ? (state the reason)

2. Find the perimeter of the given figure.　(3m)

i)

2cm　2cm
3cm　　　3cm
5cm　　　5cm
9cm

ii)

3 cm
2cm
6 cm　5 cm
4 cm
8 cm

3. Multiply : 34.56 × 135　(4m)

---ALL THE BEST---