TIME: 3 HRS   **SUBJECT : MATHEMATICS**   **M.M:80**

**1. Choose the correct option.   (Do any 12)**   (12x1=12)

(a) When a number is multiplied by 1, the product is the number ____.

  (i) 0   (ii) 1   (iii) itself   (iv)not defind

(b) $\frac{5}{13}$ is a /an example of _____ fraction.

  (i) improper   (ii) proper   (iii) mixed   (iv) unit

(c) 499 x 1000 = __.

  (i) 4999000   (ii) 499000   (iii) 49900   (iv)14990

(d) Which of the following is greatest fraction:

  (i) $\frac{1}{3}$ (ii) $\frac{8}{3}$ (iii) $\frac{7}{3}$ (iv) $\frac{2}{3}$

(e) How many line segments are there in the given figure?
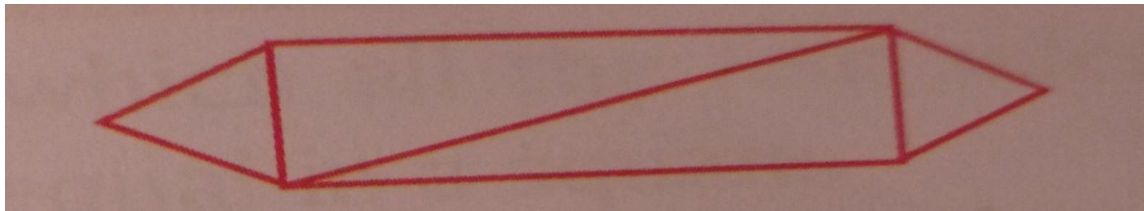
  (i) 8   (ii) 7   (iii) 9   (iv) 12

(f) The equivalent fraction of $\frac{3}{7}$ with numerator 15 is

  (i) $\frac{15}{28}$ (ii) $\frac{12}{28}$ (iii) $\frac{12}{15}$ (iv) $\frac{15}{35}$

(g) We represents a point by a __.

  (i) line   (ii) number   (iii) dot   (iv) ray

(h) The radius of a circle is 10 cm .What wil be the measure of its diameter ?

  (i) 5cm   (ii) 10 cm   (iii) 20 cm   (iv) 100cm

(i) The smallest 5 – digit number is ____.

  (i) 99999   (ii) 55555   (iii)10000   (iv)100000

(j) Observe the given figure .Which of the following is a diameter of the circle ?
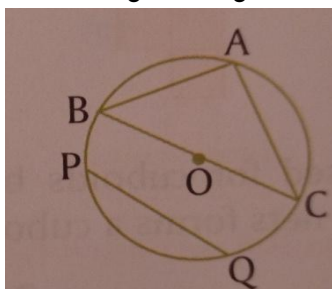
(i) OB   (ii) OC   (iii) BC   (iv) PQ

(k) Dividend = Divisor × ___ + Remainder.

(i) Quoient   (ii) 0   (iii) Divedend   (iv) 1

(l) Tina has completed $\frac{3}{4}$ of her homework .What part of her work is left ?

(i) $\frac{1}{2}$ (ii) $\frac{1}{4}$ (iii) $\frac{1}{3}$ (iv) $\frac{2}{3}$

(m) Which of the following is the smallest ?

(i) 197630   (ii) 198715   (iii) 199215   (iv) 195768

2. Fill in the blanks. (Do any ten)   (10x2=20)

(a) X can be subtracted from L and _____ only once.

(b) 138 x (413 x 644) = (138 x __) ×644.

(c) Rearrange the fractions $\frac{6}{7}, \frac{3}{7}, \frac{5}{7}, \frac{1}{7}, \frac{4}{7}$ in A ascending order _____.

(d) A triangle in which two sides are equal is called an ___ triangle .

(e) The successor of 9999 is _____.

(f) The product of 1203 and 700 is ____.

(g) A ray has only __ end point .

(h) The unlike fractions have ____ denominators.

(i) Triangle is also a ____ .

(j) The face value of 7 in 147153 is ___.

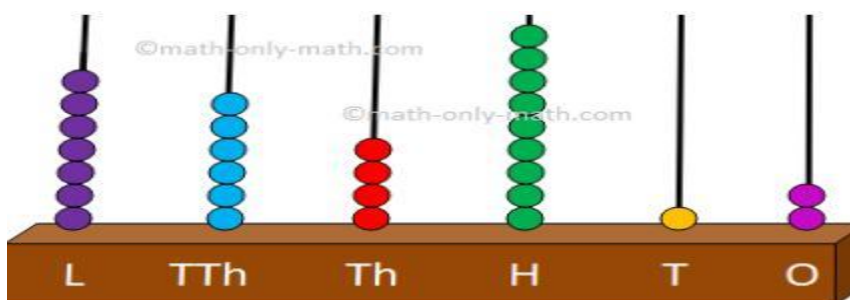**(k)** The point has no length , ____ and height .

(l) The mixed fraction of $\frac{35}{6}$ is ____.

3. Solve the questions.(Do any six)   (6x4=24)

(a) Write the number as shown on the abacus.

(b) Divide and check your answer : 759 ÷ 15 .

(c) Round off to The nearest thousands:

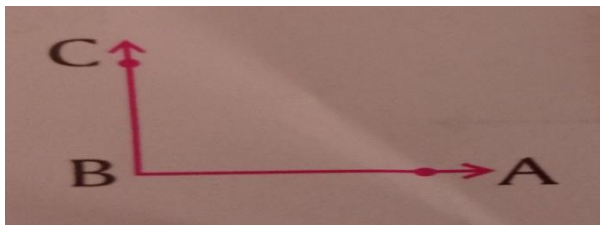   (i) 6938   (ii) 32871   (iii) 7171

(d) Subtract : (i) $\dfrac{15}{24} - \dfrac{7}{24}$

    Add :   (ii) $\dfrac{5}{21} + \dfrac{10}{21}$

(e) The greatest 3-digit number is _____.If we add 1 to 999, we get _____.1000 is The_____ 4- digit number .

(f) Convert the mixed fraction $3\dfrac{3}{5}$ as improper fraction.

(g) Name the arms and vertices of the given angle.

(h) Draw a line segment AB of length 6 cm

4. Solve the questions.(Do any four) (4x6=24)

(a) The weight of one watermelon is 3458 g .How much will 24 such watermelons weigh ?

(b) Draw a rough sketch of a scalene triangle ,an isosceles triangle and equilateral triangle.

(c) Write the first four equivalent fractions of $\dfrac{5}{6}$ and $\dfrac{7}{8}$

(d) $\dfrac{1}{18} + \dfrac{5}{18} + \dfrac{8}{18}$ (Add it)

(e) Write The numbers in figures in Indian place value system :

    (i) Six lakh seventy two thousands six hundred sixteen

    (ii) nine lakh eleven thousand six hundred two

(f) Rahul packed 2470 kg wheat equally in 38 bags. How much does each bag weigh?