FOR GOD AND COUNTRY

1. **Choose the correct options :**

   (i)   If the frequency of a class 70 ▢ 105 is 7 then frequency density is :

           c) 0.2

   (ii)   If the frequency of a class in a frequency distribution is 12 and total frequency is 30 then frequency percentage will be _____.

           c) 40

   (iii)   The length of the classof 11 ▢ 20, 21 -30,......is _____.

           c) 10

   (iv)   The range of the statistical data 9, 7, 11, 8, 6, 18, 13, 21, 14, 5 is _____.

           d) 16

   (v)   If we divide the frequency of the class by the total frequency we get _____.

           d)% frequency.

   (vi)   The average value of the extreme values of a variable in a class is called _____ of the class.

           c) mid value

   (vii)   The histogram lies in the _____ quadrant.

           a) first

   (viii) In case of drawing histogram, the base of the rectangle of each class is:

           c) class length

   (ix)   In case of drawing histogram the class boundary is taken along

           b)x- axis

   (x)   Histogram is _____ bar diagram.

           b) continuous

   (xi)   Which of the following is the diagrammatic representation of the data?

           a) bar diagram

   (xii)   The graph which is drawn by the mid value of the class and frequency is_____.

           b) frequency polygon

   (xiii) In case of histogram the sum of the areas of rectangles is _____ to the area of a frequency polygon.

           c) equal to

(xiv)   In a histogram the area of each rectangle is proportional to _____of the class.
          b) frequency

(xv)   To draw a histogram of the frequency distribution class _____ is taken along x axis.
              b) boundary

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