TOPIC –Graph

Subject : Mathematics	**Class-9First term**	**F. M. 15**
WORKSHEET NO. - 7	**Solutions**	**Date: 06.02.2021**

Q.1) **Choose the correct option:**   **(1x15=15)**

i)   The graph of the equation 2x + 3 = 0 is
      b) parallel to y axis

ii)   The graph of the equation ay + b = 0, (a & b are constants and a ≠ 0, b ≠ 0)is
       a) parallel to x axis

iii) The graph of the equation 2x + 3y = 0 is
        c) passing through origin

iv) The graph of the equation cx + d = 0, (c&d are constants and c≠ 0),will be y axis when
          c)d = 0

 v) The graph of the equation ay + b = 0, (a & b are constants and a ≠ 0), will be x axis when
          d) b = 0

vi) The distance between the points (-3, 0) and (7,0) is
          a) 10 units

vii) In which quadrant does the point(2, -4) lie?
d)fourth

  viii)The distance of the point(3, - 4) from the x axis is
          b)4 units

ix) The distance of the point (- 5, - 7) from the y axis is
          a) 5 units

x) The point (0, -5) will lie on
c)y axis

    xi) The point where x axis and y axis intersect is called
          c)origin

    xii) The point whose abscissa and ordinate are both negative lies in
          c) third quadrant

xiii) The perpendicular distance of the point (5,7) from y axis is
          a) 5

 xiv) If the straight line 2x + 3y + c = 0 passes through the point (1, -2), then the value of c is
b) 4

    xv) If the straight lines 3x + 6y + 5 = 0 and 2x − my + 5 = 0 are parallel, then the value of m is
d)- 4

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