



ST. LAWRENCE HIGH SCHOOL



TOPIC –Graph

Subject : Mathematics

Class-9

F. M. 15

WORKSHEET NO. - 7

First term

Date: 06.02.2021

Q.1) Choose the correct option:

(1x15=15)

- i) The graph of the equation $2x + 3 = 0$ is
a) parallel to x axis b) parallel to y axis c) not parallel to any axis d) passing through origin
- ii) The graph of the equation $ay + b = 0$, (a & b are constants and $a \neq 0, b \neq 0$) is
a) parallel to x axis b) parallel to y axis c) not parallel to any axis d) passing through origin
- iii) The graph of the equation $2x + 3y = 0$ is
a) parallel to x axis b) parallel to y axis c) passing through origin d) passing through (2,0)
- iv) The graph of the equation $cx + d = 0$, (c&d are constants and $c \neq 0$), will be y axis when
a) $d = -c$ b) $d = c$ c) $d = 0$ d) $d = 1$
- v) The graph of the equation $ay + b = 0$, (a & b are constants and $a \neq 0$), will be x axis when
a) $b = a$ b) $b = -a$ c) $b = 2$ d) $b = 0$
- vi) The distance between the points (-3, 0) and (7,0) is
a) 10 units b) 4 units c) 7 units d) 3 units
- vii) In which quadrant does the point (2, -4) lie?
a) first b) second c) third d) fourth
- viii) The distance of the point (3, - 4) from the x axis is
a) 3 units b) 4 units c) 5 units d) 7 units
- ix) The distance of the point (- 5, - 7) from the y axis is
a) 5 units b) 7 units c) 2 units d) 12 units
- x) The point (0, -5) will lie on
a) x axis b) second quadrant c) y axis d) fourth quadrant
- xi) The point where x axis and y axis intersect is called
a) abscissa b) ordinate c) origin d) quadrant
- xii) The point whose abscissa and ordinate are both negative lies in
a) first quadrant b) second quadrant c) third quadrant d) fourth quadrant
- xiii) The perpendicular distance of the point (5,7) from y axis is
a) 5 b) 7 c) 12 d) 2
- xiv) If the straight line $2x + 3y + c = 0$ passes through the point (1, -2), then the value of c is
a) 0 b) 4 c) 1 d) 2
- xv) If the straight lines $3x + 6y + 5 = 0$ and $2x - my + 5 = 0$ are parallel, then the value of m is
a) 2 b) 1 c) 0 d) - 4

-Chaitali Roy