***NIGAT KOKEB P.P, PRIMERY AND MIDDLE SCHOOL***

**11th**

**MATHEMATICS WORKSHEET FOR GRADE 8TH YEAR2017 E.C. (*UNIT-3 ONLY)***

**INSTRUCTION- I. CHOOSES THE CORRECT ANSWERS FROM THE GIVEN ALTERNATIVES**

1. Which one of the following equation is the graph of a **vertical line**?
2. Which one of the following is **NOT TRUE** about the graph of an equation?
3. The graph is horizontal line.
4. The graph is parallel to x- axis.
5. The graph is above to x-axis.
6. The slope is undefined.
7. What is the equation of a line whose slope is passes through the point **(-1,-1)?**
8. From the following equation which graph is passes through the origin?
9. If the point p(x, y) is lies in **II** quadrant, then which one of the following is **true** about the coordinates of **x** and **y**?
10. The line **y= -x** passes through
11. 1st and 3rd Q
12. 1st and 4th Q
13. 2nd and 4th Q
14. 2nd and 3rd Q
15. Which one of the following point do **not** lie on the line ***2y + x =13***?
16. (0, 10)
17. (-1, 7)
18. (3, 5)
19. (1, 6)
20. Which one of the following ordered pairs is found in *quadrant* **IV**?
21. (-3, 4)
22. (4, 6)
23. (-3, -2)
24. (5, -3)
25. Which of the following is **true** about the graph of **x=2**
26. line parallel to x – axis
27. A line pass through the origin
28. line parallel to y-axis
29. A line perpendicular to y-axis
30. Which of the following line the **origin**?
31. what is the equation of a line that pass through two points **A (-1-3)** and **B (1,5)**
32. Which one of the following point is located on **y** axis and four (**4**) units below the **x** axis?
33. (0,4)
34. (-1,4)
35. (-4,0)
36. (0,-4)
37. . If point P(x, y) is lies in **IV** quadrant, then which one of the following is **true** about the coordinates of x and y?
38. Which of the following is not true the graph of the line ***y = mx***, **m**.
39. The line passes through the origin
40. The lines touch quadrant I and II
41. The line touch quadrant I and III, If m>0
42. The line touch quadrant II and IV, If m<0
43. Which one of the following equation of line is a ***horizontal line*** equation?
44. Which one of the following is **not true** about the equation of**.**
45. The y-intercept is -3
46. The graph is passes through the origin
47. The slope is -2
48. The graph of line touch quadrant II and IV
49. If point **P (3, 2)** is lies in the equation of line ***ax+2y=10***, then what is the value of **a**?
50. 2
51. 3
52. Which pair of the coordinates and quadrants is paired ***incorrectly***?
53. (3, 4), quadrants I
54. (-5, -3), quadrants III
55. (1, -2), quadrants II
56. (3, -5), quadrants IV
57. Which of the following equation of the line pass through the **origin**?
58. Which one of the following equation of a line passes through the points **(-2, 2)** and **(1, 3).**
59. What is the slope of a line that passé through two point **P (2, 5)** and **Q (-1, 2)?**
60. -3
61. -1
62. 1
63. 3
64. Which pair of coordinate and quadrants is paired ***correctly***?
65. (-2, 4) and quadrant IV
66. (5, -2) and quadrant IV
67. (-2, -3) and quadrant I
68. (0, -2) and quadrant III
69. Order pair **(10,-11)** is found on
70. QI
71. QIII
72. QII
73. QIV
74. Which of the following is the about the graph of **y=-4x**
75. when x=-1 , y=-4
76. when x=0 , y=-4
77. when x=1 , y=4
78. when x=2 , y=-8
79. If point **(-2, 1)** lies on the line ***3y-bx=7***, what is the value of **b**?
80. -5
81. -2
82. 2
83. 5
84. A **(- , - 2)** belong to *Quadrant* \_\_\_\_\_\_\_\_\_\_\_.
85. I
86. II
87. III
88. IV
89. Which of the following is **TRUE** about the graph of **y = - 3**?
90. A line parallel to x-axis
91. A line parallel to y-axis
92. A line pass through the origin
93. A line perpendicular to y-axis
94. Find the ***slope*** of the line passing through points **(2, 5)** and **(4, 10).**
95. What is the equation of a line with slope **m=4** and passing through the points **{1, 3}?**
96. Which of the following is **not true** about the graph of?
97. The slope of the line is 2
98. The graph cross the y-axis at (0.4)
99. The graph pass throw 2nd and 4th quadrant.
100. The x-intercept is -2
101. The quadrant in which the point p (x , y ) lies when , **x > 0** and **y < 0**
102. I quadrant
103. II quadrant
104. III quadrant
105. IV quadrant
106. If the line contains a point **(a, 6)** and **(4, 8),** its slope is **2** then what is the value of **a**?
107. 5
108. 3
109. Which one of the following equation does **not** contain the point **(2, 3)**?
110. Which of the following equation is passes through the **1st** and **3rd** quadrant?
111. What is the equation of a line whose slope is and passes through the point **(6,-1)**?
112. Which of the following pass through the **origin**?
113. Which of the following is **horizontal line**?
114. What is the slope (**m**) 0f the point p **(3, 4)** and Q **(1, 3)?**
115. 0
116. In which quadrant lie a point **(-2, 5)?**
117. 1st Q
118. 2nd Q
119. 3rd Q
120. 4th Q

*Prepared by: Mathematics Department*