Coordinate Geometry

Sr	Questions	Answers Choice
1	If m1 and m2 are slopes of two perpendicular lines then	A. $m_1 \times m_2 = 0$ B. $m_1 + m_2 = 0$ C. $m_1 - m_2 = 0$ D. $m_1 \times m_2 = -1$
2	The slope line $x/3 + y/2 = 1$ is	A. 2/3 B. - 2/3 C. -3/2 D. 3/2
3	Distance between two point P (1.2) AND (4,6) is	A. 5 B. 6 C. 3 D. 4
4	If the product of the gradients of two lines is (-1) then the lines are	A. Parallel B. Perpendicular C. Collinear D. Coincident
5	The equatio of a line in symmertic fom is.	A. $x/a + y/b = 1$ B. $x-x1/1 + y-y1/m = z -z1/1$ C. $ax + by + c = 0$ D. $y - y1 = m(x-x1)$
6	For what value of k, a line passing through the points (-3,-7) and (4,k) has gradient 3/7?	A. 4 B. -4 C. -3 D. -7
7	The midpont of a line segment with endoints(-2,4) and (6, -2) is.	A. (4,2) B. (2.1) C. (1,1) D. (0,0)
8	The equation of a straight line in the slope-intercept form is written as.	A. $y = m(x+c)$ B. $y - yl = m (x -x1)$ C. $y = c + mx$ D. $ax+by+c=0$
9	A line passing through points(1,2) and (4,5) has which equation in the slope intercept form?	A. $y = x +1$ B. $y = 2x +3$ C. $y = 3x -2$ D. $y = x+2$
10	The line wich euation bisect the 1st and 3rd quadrant.	A. $x - y = 0$ B. $x+y = 0$ C. $y = 2x$ D. $y = 5x$
11	The equation of line in normal form is	A. $y = mx+c$ B. $y/a = y/b = 1$ C. $x-x1/cosa = y -y1/sin a$ D. $y - y1 = m (x -x1)$
12	The points (x,y) with x>0, y<0 lie is quadrant	A. I B. II C. III D. IV
13	The ine of which quation bisect the 2nd and 4th quadrant.	A. $x - y = 0$ B. $x+y = 0$ C. $y = -4 x$ D. $y = -6 x$
14	The eqution of a straight line in the point slope form is written as	A. $y = m (x+c)$ B. $y - y1 = m (x -x1)$ C. $y = c + mx$ D. $ax + by+c=0$
15	If y-coordinates of two points are same then line passing through them is perpendicular to.	A. x-axis B. y-axis C. origin D. any line

16	The first component of each ordered pari (x,y) is called	A. Ordinate B. Coordinate C. Orgin D. Abscissa
17	All point with x<0,y<0 lie in quadrants	A. I B. II C. III D. IV
18	If a lineof slope =-3 passes through origin and P (3,k) the value of k is.	A. 3 B. -3 C. 9 D. -9
19	Question Image	
20	The gradient of two parallel line is	A. Equal B. Zero C. Negative receiprocals of eath other D. Always underfined