Coordinate Geometry

Sr	Questions	Answers Choice
1	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)
2	Which of the following is nt on the y- axis	A. (oo) B. (o,e) C. (0,f) D. (g,0)
3	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
4	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
5	If m1 and m2 are slopes of two perpendicular lines then	A. m1 x m2 =0 B. m1 +m2 = 0 C. m1 -m2 =0 D. m1 xm2 =-1
6	If x-coordinates of two points ar esame then line passing through them is perpendicular to	A. x-axis B. y -axis C. Origin D. anly line
7	All point with x<0,y<0 lie in quadrants	A. I B. II C. III D. IV
8	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
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	If the product of the gradients of two lines is (-1) then the lines are	A. Parallel B. Perpendicular C. Collinear D. Coincident
11	If y-coordinates of two points are same then line passing through them is parallel to.	A. x-axis B. y -axis C. Origin D. any line
12	The slope of the line is.	A. x = x2-x1 /y2 - y1 B. m = y2 - y1 / x2 - x1 C. m = x1-x2 /y1 -y2 D. m= y1+y2/x+x2
13	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)
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	The gradient of two parallel line is	A. Equal B. Zero C. Negative receiprocals of eath other

		D. Always undefined
16	The slope line x/3 + y/2 =1 is	A. 2/3 B. - 2/3 C. -3/2 D. 3/2
17	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
18	Distance between two point P (1.2) AND (4,6) is	A. 5 B. 6 C. 3 D. 4
19	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)
20	Which of the following is not on the x-	A. (00) B. (a,0) C. (b,0) D. (g,0)