ECAT Mathematics Chapter 20 Analytic Geometry Online Test

Sr	Questions	Answers Choice
1	Question Image	A. 1 B. 2 C. -1 D. 0
2	The mid point of the line segment joining the points (a,b) and (b,a) is	
3	The mid point of the line segment joining the points (3,-1) and (-3,1) is	A. (3,-1) B. (0,0) C. (2,2) D. (4,4)
4	The mid point of the line segment joining the points (4,0) and (0,4) is	A. (4,4) B. (2,2) C. (-4,-4) D. (-2,-2)
5	The mid point of the line segment joining the points A(-8,3) and B(2,-1) is	A. (-3,1) B. (-6,2) C. (5,2) D. (-5,2)
6	The mid point of the line segment joining the points A(3,1) and B(-2,-4) is	A. (1, -3)
7	The distance between the points A(-8,3) and B(2,-1) is	B. 116 D. none of these
8	The distance between the points A(3,1) and B(-2,-4) is	A. 5 C. 25 D. 10
9	The mid point of the line joining the points $P(x_1, y_1)$ and $Q(x_2, y_2)$ is	
10	The point R dividing externally the line joining the points $P(x_1, y_1)$ and $Q(x_2, y_2)$ in the ratio $k_1: k_2$ has the coordinates	
11	The point R dividing internally the line joining the points $P(x_1, y_1)$ and $Q(x_2, y_2)$ in the ratio $K_1: K_2$ has the coordinates	
12	The distance of the point (1.1) from the origin is	A. 0 B. 2
13	Question Image	A. 3 B. 1 C. 4
14	Question Image	A. 1 B. 2 C. 3
15	Question Image	A. 1 B. 2 C. 3
16	If distance between (3,b) and (0,0) is 3 then b = _____	A. 3 C. 9 D. 0
17	If distance between (a,2) and (0,0) is 2 then a = _____	A. 0 B. 2 C. 4
18	If distance of (a,b) from origin is 5 then	A. $a^2 + b^2 = 5$ B. a = 5 C. b = 5
19	If distance of (a,b) from y-axis is 2 then	A. a = 2 B. b = 2 C. a = b D. a = 4
20	If distance of (a,b) from x-axis is 2 then	A. a = 2 B. b = 2 C. a = b

		D. b = 4
21	The distance between the points (2,3) and (3,2) is	A. 5 C. 2 D. 10
22	If d_1 is the distance between (0,0) and (1,2) and d_2 is the distance between (0,0) and (-1,-2) the	A. $d_1 < d_2$ B. $d_1 > d_2$ C. $d_1 >= d_2$ D. none of these
23	If d_1 is the distance between (0,0) and (1,2) and d_2 is the distance between (0,0) and (2,1) then	A. $d_1 >= d_2$ B. $d_1 < d_2$ C. $d_1 > d_2$ D. none of these
24	The distance of the point (-2, -3) from the origin is	A. 2 B. -5 C. -3
25	The distance of the point (2,3) from origin is	B. 5 C. 2 D. 3
26	The distance of the point (-2 , -3) from y-axis is	A. 2 B. -2 C. 3 D. -3
27	The distance of the point (-2 , -3) from x-axis is	A. 2 B. -3 C. 3 D. 5
28	The distance of the point (-2 , 3) from y-axis is	A. 2 B. -2 C. 3 D. 1
29	The distance of the point (2,-3) from y-axis is	A. 2 B. -3 C. 1 D. 5
30	The distance of the point (2,3) from y-axis is	A. 2 B. 3 C. 5