

ECAT Mathematics Chapter 20 Analytic Geometry Online Test

Sr	Questions	Answers Choice
1	Question Image	A. 3 B. 1 C. 4
2	Question Image	A. 1 B. 2 C. 3
3	Question Image	A. 1 B. 2 C. 3
4	If distance between (3,b) and (0,0) is 3 then b = _____	A. 3 C. 9 D. 0
5	If distance between (a,2) and (0,0) is 2 then a = _____	A. 0 B. 2 C. 4
6	If distance of (a,b) from origin is 5 then	A. $a^2 + b^2 = 5$ B. $a = 5$ C. $b = 5$
7	If distance of (a,b) from y-axis is 2 then	A. $a = 2$ B. $b = 2$ C. $a = b$ D. $a = 4$
8	If distance of (a,b) from x-axis is 2 then	A. $a = 2$ B. $b = 2$ C. $a = b$ D. $b = 4$
9	The distance between the points (2,3) and (3,2) is	A. 5 C. 2 D. 10
10	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
11	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
12	The distance of the point (-2, -3) from the origin is	A. 2 B. -5 C. -3
13	The distance of the point (2,3) from origin is	B. 5 C. 2 D. 3
14	The distance of the point (-2, -3) from y-axis is	A. 2 B. -2 C. 3 D. -3
15	The distance of the point (-2, -3) from x-axis is	A. 2 B. -3 C. 3 D. 5
16	The distance of the point (-2, 3) from y-axis is	A. 2 B. -2 C. 3 D. 1
17	The distance of the point (2,-3) from y-axis is	A. 2 B. -3 C. 1 D. -1

		D. 5
18	The distance of the point (2,3) from y-axis is	A. 2 B. 3 C. 5
19	The distance of the point (2, -3) from x-axis is	A. -2 B. -3 C. 2 D. 3
20	The distance of the point (-2,3) from x-axis is	A. -2 B. 2 C. 3 D. 1
21	The distance of the point (2,3) from x-axis is	A. 2 B. 3 C. 5
22	The distance of the point (a,b) from y-axis is	A. a B. b C. a + b
23	The distance of the point (a, b) from x-axis is	A. a B. b C. a + b
24	The distance between the points (2, 2) and (3, 3) is	A. 10 C. 5 D. 2
25	The distance between the points (1, 2) and (2, 1) is	A. 3 B. 6
26	The distance between the points (0, 0) and (2, 1) is	A. 5 C. 0 D. 3
27	The distance between the points (0, 0) and (1, 2) is	A. 5 C. 0 D. 3
28	The distance between the points (0,0) and (x,y) is	A. $x^2 + y^2$ B. x C. y
29	The square of the distance between two points P(x ₁ , y ₁) and Q(x ₂ , y ₂) is	
30	The distance between two points P(x ₁ , y ₁) and Q (x ₂ , y ₂) is	