

## ECAT Mathematics Chapter 24 Vectors Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	
5	The position vector of the point P(a, b, c) is	
6	The position vector of any point in space is	
7	The position vector of a point (x, y) in xy plane is	D. none of these
8	Question Image	A. perpendicular vectors B. parallel vectors C. concurrent vectors D. none of these
9	Question Image	A. perpendicular vectors B. concurrent vectors C. parallel vectors D. none of these
10	Question Image	D. none of these
11	Question Image	D. none of these
12	Question Image	D. none of these
13	A vector with magnitude one is called	A. constant vector B. unit vector C. zero vector D. null vector
14	Question Image	A. parallel vectors B. perpendicular vectors C. concurrent vectors D. collinear vectors
15	Question Image	
16	Question Image	
17	Question Image	D. none of these
18	Question Image	
19	Question Image	
20	Which of the following is not a unit vector	A. [1, 1, 1] B. [0, 1, 0] C. [0, 0, 1] D. [1, 0, 0]
21	The zero vector is	A. [0, 0, 0] B. [1, 1, 1] C. [0, 1, 0] D. [0, 0, 1]
22	Question Image	A. [0, 0, 0] B. [1, 0, 0] C. [0, 1, 0] D. [0, 0, 1]
23	Question Image	A. [0, 0, 0] B. [1, 0, 0] C. [0, 1, 0] D. [0, 0, 1]
		A. [0, 0, 0]

24	Question Image	B. $[1, 0, 0]$ C. $[0, 1, 0]$ D. $[0, 0, 1]$
25	The unit vector along z-axis is	D. none of these
26	The unit vector along y-axis is	D. none of these
27	The unit vector along x-axis is	D. none of these
28	Which of the following represents a vector	D. $(x, y)$
29	Which of the following does not represent absolute value of a vector	A. magnitude B. length C. norm D. number
30	Question Image	