

ECAT (Pre-Eng) Mathematics Chapter 24 Vectors

Sr	Questions	Answers Choice
1	Question Image	D. none of these
2	The unit vector along z-axis is	D. none of these
3	Question Image	
4	Question Image	A. 0 B. 1
5	Question Image	D. none of these
6	Which of the following represents a vector	D. (x, y)
7	Question Image	
8	The physical quantity which can be specified by a number alongwith unit is called a	A. scalar B. vector C. constant D. none of these
9	The position vector of the point P(a, b, c) is	
10	Question Image	
11	Question Image	
12	A vector with magnitude one is called	A. constant vector B. unit vector C. zero vector D. null vector
13	Question Image	
14	$3j . k \times i$	A. 0 B. 1 C. 3 D. 9
15	Which of the following is a scalar	A. weight B. force C. speed D. momentum
16	Projection of vector u along v is	A. $ v \cos\theta$ B. $ u \cos\theta$ C. $ v \sin\theta$ D. $ u \sin\theta$
17	Question Image	A. 0 B. 1
18	Question Image	
19	Which of the following is a vector.	A. energy B. force C. work D. power
20	Which of the following us a scalar	A. displacement B. velocity C. acceleration D. density