

ECAT (Pre-Eng) Mathematics MCQ's Test For Chapter 24 Vectors

Sr	Questions	Answers Choice
1	Question Image	A. 1
		B. 0
2	Question Image	
3	Question Image	
4	Which of the following is a vector	A. length B. momentum C. volume D. speed
5	A vector of magnitude zero is called	A. Position vector B. Null vector C. Free vector D. None of these
6	Which of the following is a scalar.	A. electric field B. magnetic field C. weight D. mass
7	The unit vector along z-axis is	D. none of these
8	Question Image	
9	The physical quantity which possesses both magnitude and direction is called a	A. scalar B. vector C. constant D. none of these
10	Question Image	D. none of these
11	A vector with magnitude one is called	A. constant vector B. unit vector C. zero vector D. null vector
12	Question Image	
13	Question Image	A. 0 B. 1 C1 D. None
14	For two vector a and b, a+b =	A. a b B. b+a C. b-a D. None
15	Question Image	A. Free vector B. Null vector C. Unit vector D. None of these
16	The null vector is regarded to be perpendicular to	A. Every vector B. In some cases C. Both a b D. None
17	Question Image	
18	If uv= Projuv then	A. Uandvare parallel B. vis a unit vector C. Uis a unit vector D. Both b and c
19	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
20	Question Image	