

FA Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	Zero vector is perpendicular to:	A. Every vector B. Unit vector only C. Position vector only D. Not any vector
2	Question Image	C. 28 D. 29
3	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these
4	Question Image	A. 0 B. 1 C1 D. 2
5	Which are the following triples can be direction angles of a single vector:	A. 45°,45°,60° B. 30°,45°,60° C. 45°,60°,60° D. 30°,30°,30°
6	Which of the following is a vector quantity ?	A. Work B. Temperature C. Distance D. Displacement
7	Question Image	A. 1 B. 2 C. 3 D. 0
8	Which of the following is not a vector quantity?	A. Weight B. Mass C. Force D. Velocity
9	Question Image	A. x - axis B. z - axis C. y - axis D. None of these
10	A unit vector is defined as a vector whose magnitude is:	A. 0 B. 2 C. 1 D. 4
11	<u>i.(j.k)</u> =	A. Meaningless B1 C. 1 D. 2
12	Two vectors are equal if they:	A. Pass through the same point B. Are parallel to each other C. Are parallel to each other and have same direction D. Have equal magnitude and have same direction
13	Question Image	A. Unit vector B. Null vector C. Free vector D. None of these
14	Question Image	A. 0 B. 1 C1 D. 2
15	Question Image	C. 0 D. 1
		A. One force

16	I he law of parallelogram of addition was used by Aristotle to describe the combined action of :	B. I wo forces C. Three forces D. Four forces
17	Question Image	A. 1 B. 0
18	Question Image	A. Free vector B. Unit vector C. Null vector D. None of these
19	Question Image	A. 3 B. 4 C. 5 D. 6
20	Question Image	A. Position vector of O B. Position vector of P C. Unit vector D. Null vector