

FA Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 1 B. 2 C. 3 D. 0
2	Question Image	A. Unit vector B. Null vector C. Free vector D. None of these
3	The cross product or vector product of two vectors is defined:	A. Only in plane B. Only in space C. Both a and b D. None of these
4	The law of parallelogram of addition was used by Aristotle to describe the combined action of :	A. One force B. Two forces C. Three forces D. Four forces
5	Question Image	A. 3 B. 4 C. 5 D. 6
6	Question Image	A. 0 B. 2 C. 3 D. 1
7	If 2 and 2 are x and y-components of a vector, then its angle with x-axis is:	A. 30° B. 45° C. 60° D. 90°
8	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
9	Question Image	A. 0 B. 1 C1 D. 2
10	Question Image	A. Scalar quantity D. Reciprocal vector
11	Which of the following is a vector quantity?	A. Work B. Temperature C. Distance D. Displacement
12	Question Image	B. 0
13	Question Image	C. 0 D. 1
14	Question Image	C. 28 D. 29
15	Question Image	A. 60° B. 90° C. 30° D. 45°
16	A scalar quantity is one that possesses only :	A. Magnitude B. Direction C. Both a and b D. None of these
17	Question Image	A. x - axis B. z - axis C. y - axis

		D. None of these
3	Question Image	A. a B. b C. c D. a + b
9	Question Image	A. Unit Vector B. Null vector C. Position vector D. None of these
0	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these