

## FA Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	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
2	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
5	Which of the following is a vector quantity ?	A. Work B. Temperature C. Distance D. Displacement
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. x - axis B. z - axis C. y - axis D. None of these
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Scalar quantity D. Reciprocal vector
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
10	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
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Free vector B. Unit vector C. Null vector D. None of these
12	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
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 2 - 7 B. 2 + 7
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
15	Zero vector is perpendicular to:	A. Every vector B. Unit vector only C. Position vector only D. Not any vector
16	Which of the following is not a vector quantity ?	A. Weight B. Mass C. Force D. Velocity

---

17	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C. -1 D. 2
18	<input type="text" value="Question Image"/>	C. 0 D. 1
19	<input type="text" value="Question Image"/>	A. 0 B. 2 C. 3 D. 1
20	<input type="text" value="Question Image"/>	A. Unit vector B. Null vector C. Position vector D. None of these

---