

## 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. Position vector B. Null vector C. Unit vector D. None of these
3	Question Image	A. Scalar B. Free vector C. Unit vector D. Null vector
4	Question Image	A. 0 B. -1 C. 1 D. 2
5	Question Image	A. 3 B. 4 C. 5 D. 6
6	Question Image	A. 0 B. 2 C. 3 D. 1
7	Which of the following is not a vector quantity ?	A. Weight B. Mass C. Force D. Velocity
8	Question Image	A. a B. b C. c D. a + b
9	Question Image	A. 0 B. 1 C. -1 D. 2
10	Question Image	A. Unit vector B. Null vector C. Position vector D. None of these
11	Question Image	A. 2 - 7 B. 2 + 7
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	
14	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C. -1 D. 2
15	Zero vector is perpendicular to:	A. Every vector B. Unit vector only C. Position vector only D. Not any vector
16	Question Image	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these

17

Question Image

- A. Volume of the tetrahedron
- B. Volume of the parallelepiped
- C. Volume of the triangle
- D. None of these

18

Question Image

- A. Unit Vector
- B. Null vector
- C. Position vector
- D. None of these

19

Question Image

- A.  $60^\circ$
- B.  $90^\circ$
- C.  $30^\circ$
- D.  $45^\circ$

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A unit vector is defined as a vector whose magnitude is:

- A. 0
- B. 2
- C. 1
- D. 4