

## FA Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
O.		A. 0
1	Question Image	B. 1 C1 D. 2
		A. 1
2	A null vector is defined as a vector whose magnitude is:	B. 2 C. 0 D. None of these
		A. Magnitude
3	A scalar quantity is one that possesses only :	<ul><li>B. Direction</li><li>C. Both a and b</li></ul>
		D. None of these A. 0
4	A unit vector is defined as a vector whose magnitude is:	B. 2 C. 1
		D. 4
5	Question Image	B. b C. c
		D. a + b
6	Question Image	A. 0 B. 2 C. 3
		D. 1
7	Question Image	A. 0
8	Question Image	A. 0 B. 2 C. 3
		D. 1
9	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C1
		D. 2
10	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°
11	Question Image	A. Scalar B. Free vector
		C. Unit vector D. Null vector
12	Question Image	A. 2 - 7 B. 2 + 7
13	Question Image	C. 0 D. 1
		A. Unit vector
14	Question Image	B. Null vector C. Position vector
		D. None of these  A. Pass through the same point
		B. Are parallel to each other C. Are parallel to each other and
15	Two vectors are equal if they:	have same direction D. Have equal magnitude and have same direction
16	If O and O are yeard years are not a few start there it a result in the control of the control o	A. 30° B. 45°
16	If 2 and 2 are x and y-components of a vector, then its angle with x-axis is:	C. 60° D. 90°

17	Question Image	B. z - axis C. y - axis D. None of these
18	Question Image	A. 90° B. 30° C. 60° D. 0°
19	Which of the following is a vector quantity?	A. Work B. Temperature C. Distance D. Displacement
20	Question Image	A. 0 B1 C. 1 D. 2