

## FSC Part 2 Mathematics Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. -1 C. 1 D. 2
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 2 C. 3 D. 1
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. 2 C. 3 D. 0
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
7	Which are the following triples can be direction angles of a single vector:	A. $45^\circ, 45^\circ, 60^\circ$ B. $30^\circ, 45^\circ, 60^\circ$ C. $45^\circ, 60^\circ, 60^\circ$ D. $30^\circ, 30^\circ, 30^\circ$
8	A scalar quantity is one that possesses only :	A. Magnitude B. Direction C. Both a and b D. None of these
9	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these
10	If 2 and 2 are x and y-components of a vector, then its angle with x-axis is:	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 2 C. 3 D. 1
12	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
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	C. 28 D. 29
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 3 B. 4 C. 5 D. 6
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Position vector of O B. Position vector of P C. Unit vector D. Null vector

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Question Image

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

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Which of the following is not a vector quantity ?

- A. Weight
- B. Mass
- C. Force
- D. Velocity

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Which of the following is a vector quantity ?

- A. Work
- B. Temperature
- C. Distance
- D. Displacement

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Question Image

- A.  $2 - 7$
- B.  $2 + 7$