

## FSC Part 2 Mathematics Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Position vector of O <b>B. Position vector of P</b> C. Unit vector D. Null vector
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>A. 3</b> B. 4 C. 5 D. 6
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>A. a</b> B. b C. c D. a + b
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>A. 0</b> B. 2 C. 3 D. 1
6	If 2 and 2 are x and y-components of a vector, then its angle with x-axis is:	A. 30° <b>B. 45°</b> C. 60° D. 90°
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>C. 0</b> D. 1
8	A unit vector is defined as a vector whose magnitude is:	A. 0 B. 2 <b>C. 1</b> D. 4
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 <b>B. 0</b>
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>A. 0</b> B. 1 C. -1 D. 2
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>A. 0</b>
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Scalar B. Free vector C. Unit vector <b>D. Null vector</b>
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	B. 0
14	Which of the following is not a vector quantity ?	A. Weight <b>B. Mass</b> C. Force D. Velocity
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. -1 <b>C. 1</b> D. 2
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. [0] B. [0, 0] <b>C. [0, 0, 0]</b> D. None of these
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Unit vector B. Null vector <b>C. Position vector</b> D. None of these
18	Question Image <input style="width: 500px; height: 20px;" type="text"/>	<b>A. x - axis</b> B. z - axis C. y - axis

C. y - axis  
D. None of these

---

19 Which of the following is a vector quantity ?

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

---

20 

- A. Scalar quantity
  - D. Reciprocal vector
-