

FSC Part 2 Mathematics Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Which of the following is not a vector quantity?	A. Weight B. Mass C. Force D. Velocity
2	Question Image	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
3	Question Image	A. 90° B. 30° C. 60° D. 0°
4	Question Image	A. 0
5	Question Image	A. 0 B1 C. 1 D. 2
6	Question Image	A. Unit vector B. Null vector C. Position vector D. None of these
7	Question Image	A. a B. b C. c D. a + b
8	Question Image	C. 28 D. 29
9	A scalar quantity is one that possesses only :	A. Magnitude B. Direction C. Both a and b D. None of these
10	Question Image	A. 60° B. 90° C. 30° D. 45°
11	Zero vector is perpendicular to:	A. Every vector B. Unit vector only C. Position vector only D. Not any vector
12	Question Image	A. Scalar quantity D. Reciprocal vector
13	Question Image	A. Position vector of O B. Position vector of P C. Unit vector D. Null vector
14	Question Image	A. 0 B. 1 C1 D. 2
15	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these
16	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
17	Question Image	<u>C</u> . 0

-		D. 1
18	Question Image	A. Unit vector B. Null vector C. Free vector D. None of these
9	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
20	If 2 and 2 are x and y-components of a vector, then its angle with x-axis is:	A. 30° B. 45° C. 60° D. 90°