




Ics Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	Zero vector is perpendicular to:	A. Every vector B. Unit vector only C. Position vector only D. Not any vector
2	Which of the following is not a vector quantity ?	A. Weight B. Mass C. Force D. Velocity
3	Question Image	A. Unit vector B. Null vector C. Position vector D. None of these
4	Question Image	A. 0
5	A unit vector is defined as a vector whose magnitude is:	A. 0 B. 2 C. 1 D. 4
6	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
7	$i \cdot (j \cdot k) =$	A. Meaningless B. -1 C. 1 D. 2
8	Question Image	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
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. 2 - 7 B. 2 + 7
11	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C. -1 D. 2
12	Question Image	A. 0 B. 1 C. -1 D. 2
13	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°
14	Question Image	A. a B. b C. c D. a + b
15	Question Image	A. 0 B. -1 C. 1 D. 2
16	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these

17		B. 0
18	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
19		A. Position vector of O B. Position vector of P C. Unit vector D. Null vector
20		A. Scalar B. Free vector C. Unit vector D. Null vector