

Ics Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Scalar B. Free vector C. Unit vector D. Null vector
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	B. 0
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	C. 0 D. 1
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 3 B. 4 C. 5 D. 6
5	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
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. 2 C. 3 D. 0
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
8	A unit vector is defined as a vector whose magnitude is:	A. 0 B. 2 C. 1 D. 4
9	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°
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Free vector B. Unit vector C. Null vector D. None of these
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. x - axis B. z - axis C. y - axis D. None of these
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 2 - 7 B. 2 + 7
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Position vector B. Null vector C. Unit vector D. None of these
15	$i \cdot (j \cdot k) =$	A. Meaningless B. -1 C. 1 D. 2
16	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
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Unit vector B. Null vector C. Position vector D. None of these

18	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. $30^\circ, 30^\circ, 30^\circ$
19		A. Unit Vector B. Null vector C. Position vector D. None of these
20		A. Unit vector B. Null vector C. Free vector D. None of these
