

Ics Part 2 Mathematics Chapter 7 Test Online

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Sr	Questions	Answers Choice
1	Question Image	A. 60° B. 90° C. 30° D. 45°
2	Which are the following triples can be direction angles of a single vector:	A. 45°,45°,60° B. 30°,45°,60° C. 45°,60°,60° D. 30°,30°,30°
3	Question Image	A. 3 B. 4 C. 5 D. 6
4	Question Image	A. Unit vector B. Null vector C. Position vector D. None of these
5	Question Image	A. Position vector of O B. Position vector of P C. Unit vector D. Null vector
6	Question Image	C. 0 D. 1
7	Question Image	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
8	Question Image	A. 0 B. 2 C. 3 D. 1
9	<u>i.(j.k)</u> =	A. Meaningless B1 C. 1 D. 2
10	Question Image	A. 1 B. 2 C. 3 D. 0
11	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
12	Question Image	A. 0 B. 1 C1 D. 2
13	Which of the following is a vector quantity?	A. Work B. Temperature C. Distance D. Displacement
14	Which of the following is not a vector quantity ?	A. Weight B. Mass C. Force D. Velocity
15	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
		A. 0

16	Question Image	B. 1 C1 D. 2
17	Question Image	A. 90° B. 30° C. 60° D. 0°
18	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these
19	Question Image	A. 0 B. 1 C1 D. 2
20	A scalar quantity is one that possesses only :	A. Magnitude B. Direction C. Both a and b D. None of these