

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	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°
3	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
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 2 - 7 B. 2 + 7
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	C. 28 D. 29
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 3 B. 4 C. 5 D. 6
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Scalar quantity D. Reciprocal vector
10	A null vector is defined as a vector whose magnitude is:	A. 1 B. 2 C. 0 D. None of these
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	B. 0
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. 2 C. 3 D. 0
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 of O B. Position vector of P C. Unit vector D. Null vector
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. -1 C. 1 D. 2
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Free vector B. Unit vector C. Null vector D. None of these
17	Which of the following is not a vector quantity ?	A. Weight B. Mass C. Force

D. velocity

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$i \cdot (j \cdot k) =$

A. Meaningless

B. -1

C. 1

D. 2

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Question Image

A. Unit vector

B. Null vector

C. Position vector

D. None of these

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Two vectors are equal if they:

A. Pass through the same point

B. Are parallel to each other

C. Are parallel to each other and have same direction

D. Have equal magnitude and have same direction