

## Ics Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Free vector B. Unit vector C. Null vector D. None of these
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. 2
4	$i \cdot (j \cdot k) =$	A. Meaningless B. -1 C. 1 D. 2
5	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C. -1 D. 2
6	A scalar quantity is one that possesses only :	A. Magnitude B. Direction C. Both a and b D. None of these
7	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
8	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
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 90° B. 30° C. 60° D. 0°
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. 2 C. 3 D. 0
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Unit vector B. Null vector C. Free vector D. None of these
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. a B. b C. c D. a + b
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 2 - 7 B. 2 + 7
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	C. 28 D. 29
15	Zero vector is perpendicular to:	A. Every vector B. Unit vector only C. Position vector only D. Not any vector
16	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°

D.  $30^\circ, 30^\circ, 30^\circ$

17

Question Image

- A.  $60^\circ$
- B.  $90^\circ$
- C.  $30^\circ$
- D.  $45^\circ$

18

Question Image

- C. 0
- D. 1

19

Question Image

- A. Position vector
- B. Null vector
- C. Unit vector
- D. None of these

20

Question Image

- A. Unit Vector
- B. Null vector
- C. Position vector
- D. None of these