

## Ics Part 2 Mathematics Chapter 7 Test Online

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | <input type="text" value="Question Image"/>   | C. 0<br>D. 1   |
| 2  | <input type="text" value="Question Image"/>   |  |
| 3  | A null vector is defined as a vector whose magnitude is:  | A. 1<br>B. 2<br>C. 0<br>D. None of these   |
| 4  | <input type="text" value="Question Image"/>   | A. 1<br>B. 2<br>C. 3<br>D. 0   |
| 5  | <input type="text" value="Question Image"/>   | A. 3<br>B. 4<br>C. 5<br>D. 6   |
| 6  | $i \cdot (j \cdot k) =$   | A. Meaningless<br>B. -1<br>C. 1<br>D. 2  |
| 7  | Which of the following is not a vector quantity ?   | A. Weight<br>B. Mass<br>C. Force<br>D. Velocity  |
| 8  | The law of parallelogram of addition was used by Aristotle to describe the combined action of : | A. One force<br>B. Two forces<br>C. Three forces<br>D. Four forces   |
| 9  | <input type="text" value="Question Image"/>   | B. 0   |
| 10 | <input type="text" value="Question Image"/>   | A. x - axis<br>B. z - axis<br>C. y - axis<br>D. None of these  |
| 11 | <input type="text" value="Question Image"/>   | A. 0<br>B. 1<br>C. -1<br>D. 2  |
| 12 | A unit vector is defined as a vector whose magnitude is:  | A. 0<br>B. 2<br>C. 1<br>D. 4   |
| 13 | If 2 and 2 are x and y-components of a vector, then its angle with x-axis is:                   | A. 30°<br>B. 45°<br>C. 60°<br>D. 90°   |
| 14 | <input type="text" value="Question Image"/>   | A. 1<br>B. 0   |
| 15 | <input type="text" value="Question Image"/>   | A. Volume of the tetrahedron<br>B. Volume of the parallelepiped<br>C. Volume of the triangle<br>D. None of these |
| 16 | <input type="text" value="Question Image"/>   | A. 0<br>B. 2<br>C. 3<br>D. 1   |
| 17 | The cross product or vector product of two vectors is defined:                                  | A. Only in plane<br>B. Only in space<br>C. Both a and b<br>D. None of these                                      |

|    |                                     |  |
|----|-------------------------------------|--|
| 18 | Question Image <input type="text"/> | A. $2 - 7$<br>B. $2 + 7$   |
| 19 | Question Image <input type="text"/> | A. 0   |
| 20 | Question Image <input type="text"/> | A. Position vector of O<br>B. Position vector of P<br>C. Unit vector<br>D. Null vector |