FA Part 2 Mathematics Chapter 7 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 0 B. 2 C. 3 D. 1
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	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
4	i.(j.k) =	A. Meaningless B. -1 C. 1 D. 2
5	Question Image	A. a B. b C. c D. a + b
6	Question Image	
7	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°
8	Question Image	A. Scalar quantity D. Reciprocal vector
9	Question Image	A. 2 - 7 B. 2 + 7
10	Question Image	A. Unit Vector B. Null vector C. Position vector D. None of these
11	Question Image	A. Unit vector B. Null vector C. Free vector D. None of these
12	Question Image	A. Position vector of O B. Position vector of P C. Unit vector D. Null vector
13	Question Image	C. 28 D. 29
14	Question Image	A. 0 B. 1 C. -1 D. 2
15	Question Image	A. x - axis B. z - axis C. y - axis D. None of these
16	Question Image	A. Unit vector B. Null vector C. Position vector D. None of these
		A. One force

17	The law of parallelogram of addition was used by Aristotle to describe the combined action of :	B. Two forces C. Three forces D. Four forces
18	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
19	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C. -1 D. 2
20	Question Image	C. 0 D. 1