

Physics Fsc Part 1 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	Minimum number of unequal forces whose vector sum can be zero are.	A. 5 B. 4 C. 3 D. 2
2	A force of 100 N makes an angle of 60° with Y- Axis, its horizontal component is.	A. 50 N B. 60 N C. 70.7 N D. 86.6 N
3	A force of 100 N makes on angle of 60° with y axis, its horizontal component is.	A. 50 N B. 60 N C. 70.7 N D. 86.6 N
4	The resultant of two vectors having magnitude 12 N and 8 N can not be	A. 2 N B. 20 N C. 10 N D. 16 N
5	The resultant of two forces 30 N and 40 N acting parallel to each other is.	A. 30 N B. 40 N C. 70 N D. 10 N
6	The direction of vector in space is specified by	A. 1- angle B. 2- angle C. 3- angle D. 4 - angle
7	Name the quantity which is a vector.	A. Speed B. Force C. Temperature D. Density
8	What would encourage trade between two countries	A. Different tax system B. Frontier checks C. National currencies D. reduced tariffs
9	When a vector is multiplied by a (-)ve number its direction	A. Remains constant B. Reversed C. Change by 90° D. None of these
10	The components of a vector which are perpendicular to each other are called	A. Horizontal components B. Vertical components C. Rectangular components D. All of these
11	Parallel vectors of same magnitude will be	A. Equal B. Opposite C. Both a and b D. None of these
12	The direction of null vector can be	A. (+) ve B. (-) ve C. Arbitrary D. Zero
13	The sum of two or more vectors will be a single vector called	A. Component vector B. Position vector C. -ve vector D. Resultant vector
14	Question Image	A. Unit vector B. +ve of a vector C. Resultant vector D. -ve of a vector
15	Question Image	
16	The subtraction of a vector is equivalent to the addition with	A. Same direction B. Perpendicular direction

16 The subtraction of a vector is equivalent to the addition with

C. Reversed direction

D. All of these

17 Head to tail rule is used for

A. Addition of vectors

B. Subtraction of vectors

C. Multiplication of vectors

D. Division of vectors