Physics Fsc Part 1 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	As rocket moves upwrd during its journey, then its acceleration goes on.	A. Increasing B. Decreasing C. Remains same D. It moves with uniform velocity
2	Maximum number of rectangular components of a vector in 2- dimenstion may be	A. One B. Two C. Three D. Infinite
3	The resultant of two forece 3 N and 4 N actign parallel to each other is.	A. 4 N B. 7 N C. 1 N D. 6 N
4	If A x B points along positive z-axis, then vector A and B must lie in.	A. y Z -plane B. X y -plane C. X Z -plane D. x 0 - Plane
5	Name the quantity which is a vector	A. Power B. Density C. Impulse D. Charge
6	The Fs of force F of magnitude 30 N making an angle of 60° with x -axis	A. 7 N B. 15 N C. 10 N D. 5 N
7	Dimensions of impulse are similar to dimensions of.	A. Work B. Torque C. Force D. Momentum
8	The scalar product of two vector is maximum if they are.	A. Perpendicular B. Parallel C. At 30° D. At 45°
9	The trajectory of projectile is.	A. Straight line B. Parabola C. Hyperbola D. Circle
10	Motion of projectile is.	A. One dimensional B. Two dimensional C. Three dimensional D. None of the above
11	The projectile gains its maximum gh at an angle of.hei	A. 0° B. 45° C. 60° D. 90°
12	A body thrown upward making certain angel with the horizontal and moving freely under the action of gravity is called.	A. Rocket B. Satellite C. Projectile D. Space ship
13	The velocity of the projectile is maximum.	A. At half of height B. At highest point C. Just before striking the ground and at the point of projection D. At one fourth of maximum height
14	The magnituede of cross-proecut and dot product of two vectors are equal, the angle betwene the vectors is.	A. 45° B. Zero C. 180° D. 90°

15	If A.B =0 when vector A and B are parallel or anti paralled, then either A or B is a	A. Equal B. Null Vector C. Perpendicular D. Not Zero
16	Ascalar is a physicla quantity which is completely specified by.	A. Number B. Direction only C. Number with proper unit D. Number with direction
17	For what angle of projection projectile has maximum horizontal range	A. 45° B. 90° C. 0° D. 30°
18	If a force of 10 N makes an angle of 30° with x-axis its y-component is given by	A. 8.66 N B. 0 N C. 0.776 N D. 5 N
19	The rate of change of momentum is	A. Force B. Impulse C. Acceleration D. Power
20	If A x B = 0 then it is concluded that.	A. A and B ar e to each other B. A and B are parallel to each other C. A and B are position vectors D. A and B are unti vectors