Physics ICS Part 1 Chapter 3 Online Test

Sr	Questions	Answers Choice
1	Slope of velocity time graph describes a physical quantity called.	A. Displacement B. Average velocity C. Average acceleration D. Momentum
2	10 N and 20 N are acting on a body of mass 2 kg the minimum acceleration will be.	A. 10 ms-2 B. 20 ms-2 C. 60 ms-2 D. 5 ms-2
3	A body covers a distance of 10 m in 1 sec with a constant velocity of 10 ms-1 , Acceleration produced by the body is.	A. 0 ms-1 B. 2 ms-2 C. 5 ms-2 D. 10 ms-2
4	A paratooper moves downward with	A. Zero acceleration B. Constant acceleration C. Positive acceleration D. Negative acceleration
5	If a mass of a body is doubled, then acceleration becomes.	A. Double B. Half C. One fourth D. Constant
6	Unit of acceleration is	A. ms-1 B. ms C. ms-2 D. m2s
7	when a ball is throng straight up, the acceleration at its highest point is.	A. Upward B. Down ward C. Zero D. Horizontal
8	When average velocity becomes equal to instantaneous than body is called moving with.	A. Instantaneous acceleration B. Constant acceleration C. Constant velocity D. Variable velocity
9	the shortest distance between two points is called.	A. Speed B. Acceleration C. Distance D. Displacement
10	A collision in which K.E. of the system is not conserved is	A. Elastic collision B. Inelastic collision C. 3rd low of motion D. None of these
11	Total change in momentum of an isolated system is	A. Always (+) ve B. Always (-) ve C. Has maximum value D. Zero
12	The time rate of change of momentum equals	A. Weight B. Applied force C. Impulse D. Mass
13	The action and reaction never act on	A. Same body B. Two bodies C. many bodies D. All of these
14	A force applied on a body produces acceleration in	A. Opposite direction B. perpendicular direction C. Its own direction D. In any direction
15	A frame of reference stationed at the earth is an	A. Inertial frame B. None internal frame C. Accelerated frame D. Laboratory frame

16	The mass of a body is quantitative measure of its	A. Motion B. Inertia C. Weight D. All of these
17	Newton's laws of motion were published in	A. 1587 B. 1687 C. 1787 D. 1887