

Physics 9th Class English Medium Unit 3 Online Test

Sr	Questions	Answers Choice
1	A bucket having some water is revolved in vertical circle. Water does not spill out, even the bucket is upside down, due to.	A. Centrifugal force on water B. Weight of water C. Inertial of water D. Action and Reaction balance each other
2	At the fairground, the force that balances your weight is	A. Gravitational force B. Electrostatic force C. Centripetal force D. Frictional force
3	Net force on the body falling in air with uniform velocity is equal to.	A. Zero B. Weight of the body C. Air resistance on the body D. Difference of weight of body and air resistance on it.
4	An object of mass 1 kg placed at earth's surface experiences a force of.	A. 1 N B. 9.8 N C. 100 N D. Any Value
5	The force which moves the car is	A. Force of friction between road tyre B. Force developed by engine C. Uniform velocity D. Water split on the road
6	A force acts on a body for 2 seconds and it produces 50 kg m/s change in its momentum. The force acting on the body	A. 25 N B. 100 N C. 2 N D. 50 N
7	Thrust force is a consequence of which law of motion.	A. First B. Second C. Third D. Fourth
8	A book of mass 5 kg is placed on the table, the magnitude of net force acting on the book is.	A. 0 N B. 25 N C. 5 N D. 10 N
9	Change in momentum of a body is equal to	A. Force Velocity B. Force Time C. Mass time D. Force
10	The rate of change of momentum of free falling body is equal to its.	A. Size B. Velocity C. Weight D. Momentum
11	N kg ⁻¹ is equivalent to	A. m s ⁻¹ B. m s ⁻² C. kg m s ⁻¹ D. kg m s ⁻²
12	SI unit of linear momentum is	A. kg m ⁻¹ s ⁻¹ B. kg m s ⁻¹ C. kg m ² s ⁻¹ D. Nm