

## 9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A man walks on a tight rope. He balances hiself by holding a bamboo stick horizontally, It is an application of	A. Law of conseration of momentum B. Principle of momentums C. Newton's third law of motion D. News' second law of motion
2	A heavy and a lighter object have same momentum. The object with greater kineic energy is.	A. Heavy B. Lighter C. Same kinetic energy D. Either a or b
3	Inertia of a body is related to which of the following quantities	A. Friction B. Force C. Mass D. Weight
4	A box is taken to the second floor at a building by doing some work.This work converts to.	A. Kinetic energy B. Heat enegy C. Potential energy D. Sound energy
5	An object will continue its motion with constant acceleration until	A. The resultant force is at right angle B. The resultant fore on it begins to increase C. The resultant force on it begins to decrease D. The resultant force is at right angle to its tangential velocity
6	Magnetic field lines.	A. Are colosed B. Are farthest at poles C. Intersect each other D. Do not pass in vacuum
7	In which of the materials, particles have only vibrational motion.	A. Liquids B. Solid C. Plasma D. Gas
8	A shopkeeper sells his articles by a balance having unequal arms of the paes. If he puts the weights in the pan having shorter arm, then the customer.	A. Gains B. Loses C. Neigher loses nor gains D. Not certain
9	Pressure of 1000 bars is equivalent is.	A. 0.1 kPa B. 100 k Pa C. 10 k Pa D. 1 k Pa
10	The unit of work or energy joule is equal to.....	A. Newton metre B. Horsepower C. Watt metre D. Newton second
11	Thermometer, which is most suitabel for measuring rapid changing temperatures is.	A. Constant volume gas thermometer B. Resistance thermometer C. Thermocouple D. Liquid in glass thermometer
12	What we kick a stone, we get hurt This is due to	A. Inertia B. Momentum C. Reaction D. Velocity
13	The centre of mass of a body	A. Lies always inside the body B. May lie within, outside or on the surface C. Lies always on the surfce of the body D. Lies always on the suface of the body.
14	When line of action of the applied force passes through its pivot point then momet of force acting on the body is	A. Maximum B. Minimum C. Infinite D. None

D. Zero

15	Which of the following can increase the sensitivity of liquid in glass thermometer.	A. Changes colour on temperature B. Use a longer capillary tube C. Use a bigger bulb which contains more amount of liquids D. Using long specific its
16	An object with a mass 5 kg moves at constant velocity of 10 ms <sup>-1</sup> . A constant force then acts for 5 seconds on the object and gives it a velocity of 2 ms <sup>-1</sup> . In the opposite direction, The force acting on the objects is.	A. -12 N B. 5 N C. -10 N D. -15 N
17	Permanent magnet cannot be made by	A. Steel B. Alnico C. Soft iron D. Neodymium
18	The correct order of comparison for the terminal speeds of a raindrop, snowflake, and hailstone is.	A. Raindrop = Snowflake = Hailstone B. Raindrop > Snowflake > Hailstone C. Hailstone > Raindrop > Snowflake D. Snowflake > Raindrop > Hailstone
19	Hook's law holds good up to	A. Plastic B. Elastic C. Yield limit D. Proportional limit
20	How many phases of matter are there.	A. 2 B. 1 C. 3 D. 4