

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	When the slope of a body's displacement time graph increase the body is moving with	A. Constant velocity B. Increasing velocity C. Decreasing velocity D. All of these
2	A seesaw balances perfectly with two children of equal weight sitting at equal distances from the fulcrum. If one child moves closer to the fulcrum.	A. The seesaw topples B. The seesaw tips towards the child who stayed further away C. The seesaw tips towards the child who moved closer D. The seesaw remains balanced
3	Which one is the quickest method to magnetize a material	A. Strike with hammer B. Putting inside a current carrying coil C. Moving into magnetic field D. Stroking the opposite pole
4	The area under the speed-time graph is numerically equal to	A. Distance covered B. Velocity C. Uniform velocity D. Acceleration
5	Which one is renewable source of	A. Coal B. Uranium C. Sunlight D. Natural gas
6	The principle of hydraulic press is based on.	A. Pascal's law B. Hooke's Law C. Principle of conservation of energy D. Principle of conservation of momentum
7	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
8	Centripetal force is given by	A. rF B. $\frac{mv^2}{r}$ C. mv/r^2 D. $rF\cos\theta$
9	Heat is the	A. The energy in transit B. Total kinetic energy of the molecules C. The internal energy D. Work done by the molecules
10	Mercury has uniform linear expansion in liquid in glass thermometers. A liquid in glass thermometer has a mercury level of 2 cm at melting point of ice and a mercury level of 6 cm at boiling point of water. What is the distance between every 1 °C division on Celsius scale of thermometer.	A. 0.08 B. 0.04 cm C. 0.06 cm D. 1.00 cm
11	An object will continue its motion with constant acceleration until	A. The resultant force is at right angle B. The resultant force 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
12	What type of motion is of the molecules in a gas.	A. Random motion B. Linear motion C. Vibratory motion D. Rotatory motion
13	Which thermometer is most suitable for recording rapidly varying temperature.	A. Alcohol in glass thermometer B. Thermocouple thermometer C. Mercury in glass laboratory thermometer D. Mercury in glass clinical thermometer

14	A Joule can also be written as.	A. kgms^{-2} B. kgms^{-1} C. $\text{kgms}^{-2}\text{S}^{-2}$ D. $\text{kgms}^{-2}\text{S}^{-3}$
15	A light year is a unit of.	A. Light B. Time C. Speed D. Distance
16	Hook's law hold good up to	A. Plastic B. Elastic C. Yield limit D. Proportional unit
17	Least count of screw gauge is 0.01 mm. If main scale reading of screw gauge is zero and third line of its circular scale coincides with datum line then the measurement on the screw gauge is.	A. 0.03mm B. 3 mm C. 0.3mm D. 0.1 mm
18	The numbers having one significant digit is.	A. 6.0 B. 1.1 C. 6×10^2 D. 7.1
19	A weight lifter of power 1960 watt lifts a load of mass 'M' from the ground to a height of 2 m in 3 second 'M' is.	A. 200 kg B. 100 kg C. 400 kg D. 300 kg
20	Physics is a branch of	A. Biological science B. Physical Science C. Life science D. Social science