9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Pressure of 1000 bars is equivalent is.	A. 0.1 kPa B. 100 k Pa C. 10 k Pa D. 1 k Pa
2	A rider is trainign a hours. Hore move 60 meters towrds right in 3 seconds. Then it turns back and travels 30 meters in 2 secons. Find its average velocity.	A. 18 m/s B. 6 m/s C. 0 m/s D. 35 m/s
3	A hypothesis	A. May or may not be testable B. Is supported by evidence C. Is a possible answer to a question D. All of these
4	Which Statemtn below correctly identifies the differecne between laws and theories.	A. Laws describe phenomena , while theories explain why phenomena exist B. Laws are a statment of fct, while theories are statemetn of opinion C. Laws explain why phenomena exist, while theories explain how D. Laws are a prediction of phenomena, while theories are an explanation.
5	Conservation of Linear momentum is equivalent to.	A. Newton's Firs law of motion B. Newton's second law of motion C. Newton's third law of motion D. None of these
6	When a spring in compressed, what form of energy does it possess.	A. Heat B. Internal C. Potential D. Kinetic
7	In which of the materials, particles have only vibrational motion.	A. Liquids B. Solid C. Plasma D. Gas
8	An object with a mass 5 kg moves at constatn velocity of 10 ms-1 A constant force then acts for 5 seconds on the object and gives it a velocity of 2 ms-1. In the opposite direction ,The force acting on the objects is.	A. -12 N B. 5 N C. -10 N D. -15 N
9	A ball with initial momentum p its a solid wall and bounces back with the same velocity. Its momentum p after collision will be.	A. P' = p B. P' = - P C. P' = 2P D. P' =-2P
10	One femtometre is equl to	A. 10⁻¹⁵ m B. 10¹⁵m C. 10⁻⁹m D. 10⁹m
11	The Instrument that is most suitable for measuring the thickness of a few sheets on cardboard is a.	A. Metre rule B. Micrometer screw guage C. Mesuring tape D. Vernier calipers
12	A wire is stretched by a weight w. If the diameter of the wire is reduce dto half of its previous value, the extension will become	A. Four times B. Double C. One fourth D. One half
13	A large force acts on an objet for a very short interval of time. In the case, it is easy to determine.	A. Magnitude of force B. Time interveal C. Product of force and time D. None of these
14	A weight lifter of power 1960watt lifts a load of mass 'M' from the ground to a ehght of 2 m in 3 second 'M' is.	A. 200 kg B. 100 kg C. 400 kg D. 300 kg

15	Area under speed-time graphi is equal to.....of moving body	A. Acceleration B. Distance C. Change in velocity D. Uniform velocity
16	Water is not a used as a thermometric liquid mainly due to.	A. Non linear expansion B. Clourless C. Low boiling point (100 oC) D. A bad conductor of heat
17	The pressrue at any point in a liquid is proportional to.	A. Density of liquid B. Depth of the point below the surface of the liquid C. Acceleration due to gravity D. All of the above
18	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
19	Permanent magnets are used in	A. Circuit breaker B. Loudsppeaker C. Electric crane D. Magnetic recording
20	N kg-1 is equivalent to	A. m s-1 B. m s-2 C. k g ms-1 D. kg m s-2