

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The rate of change of momentum of free falling body is equal to its.	A. Size B. Velocity C. Weight D. Momentum
2	What is mass of a liquid of density 50 kg m ⁻³ in a container of volume 5 m ³ ?	A. 200 kg B. 250 kg C. 225 kg D. 275 kg
3	A man walks on a tight rope. He balances himself 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
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 statemtn 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	In which of the materials, particles have only vibrational motion.	A. Liquids B. Solid C. Plasma D. Gas
6	The power of a waer pump is 2 kW. The amounth of water it can raise in one minute to a height of 5 meter is	A. 2400 litres B. 1000 litres C. 1200 litres D. 2000 litres
7	Which branch of science plays an important role in engineering.	A. Biology B. Physics C. Chemistry D. Life Science
8	Least count of scew gauge is 0.01 mm. If main scale reading of screw guage is zero and third line of its circular scale conscides with datum line then the measurement on the screw guage is.	A. 0.03mm B. 3 mm C. 0.3mm D. 0.1 mm
9	Which of the following are methods of investigation	A. Research B. Experimentation C. Observation D. All of these
10	Automobile technology is based on	A. Thermodynamics B. Acoustics C. Electromagnetism D. Optics
11	Which one is a non -physical quantituty.	A. Density B. Colour C. Time D. Distance
12	A cylinder resting on its circulr bases is in	A. Neurtral equilibrium B. Stable equilibrium C. Unsatable equilibrium D. None of these three
13	Permanent magnet cannot be made by	A. Steel B. Alnico C. Soft iron D. Neodymium
14	SI unti of pressure is.	A. Newton B. Pascal C. Infinite D. Zero

15	The type of energy derived from heated ground water is	A. Tidal energy B. Hydroelectric energy C. Nuclear energy D. Geothermal energy
16	When studying how air conditioners cool your house, then it is	A. Optics B. Nuclear Physics C. Thermodynamic D. Electromagnetism
17	A ball is dropped from the top of a tower, the distance covered by it in the first second is.	A. 5 m B. 10 m C. 50 m D. 100 m
18	Change in position of a body from initial to final point is called	A. Velocity B. Speed C. Displacement D. Distance
19	A ball with initial momentum p hits 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. $P' = -2P$
20	One femtometre is equal to	A. 10^{-15} m B. 10^{15} m C. 10^{-9} m D. 10^9 m