

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Inertia of a body is related to which of the following quantities	A. Friction B. Force C. Mass D. Weight
2	The energy possessed by a body by virtue of its position is.	A. Solar energy B. Chemical energy C. Potential energy D. Kinetic energy
3	What happens to the arrangement of particles when a solid is heated and turns into a liquid	A. Particles change their state from solid to gas B. Particles move farther apart C. Particles become more closely packed D. Particles change their state
4	In 5 s a car accelerates so that its velocity increases by 20 m/s. The acceleration is	A. 0.25 m/s ² B. 4 m/s ² C. 100 m/s ² D. 25 m/s ²
5	Motion of a screw of rotating fan is	A. Circular Motion B. Vibratory motion C. Rotatory motion D. Random Motion
6	Ball dropped freely from a tower reaches ground in 4 s, the speed of impact of ball is.	A. 2.45 m/s B. 39.2 m/s C. 0 m/s D. 19.6 m/s
7	What is the ultimate truth of a scientific method.	A. Hypothesis B. Experimentation C. Law D. Theory
8	The SI Unit of Power is	A. Watt B. Joule C. Newton D. Second
9	Why do scientists develop a hypothesis before conducting research.	A. Hypotheses help a researcher decide which observations to record and which to ignore B. It gives them direction on how to interpret the results of their research C. It helps to predict outcomes and define the parameters of the research D. Hypotheses give the researcher an outcome to shape their work around
10	The pressure 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
11	When we kick a stone, we get hurt. This is due to	A. Inertia B. Momentum C. Reaction D. Velocity
		A. Hitting

12	A common method used to magnetize a material is.	B. Heating C. Stroking D. Placing inside a solenoid having AC current
13	Which of the following is not a form of internal energy.	A. Light energy B. Kinetic energy of the particles C. Potential energy of the particles D. Chemical energy of the bonds between the particles
14	Which one of the following is not a magnetic material	A. Iron B. Nickel C. Aluminium D. Cobalt
15	Temperature of substance is	A. The total amount of heat contained in it B. Degree of hotness or coldness C. The total number of molecules in it D. Dependent upon the intermolecular distance
16	The working of refrigeration and air conditioning involves.	A. Electromagnetism B. Thermodynamics C. Climate science D. Mechanics
17	A thermometer has a narrow capillary tube so that it.	A. Gives a large change for a given temperature rise B. Quickly responds to temperature changes C. Can read the maximum temperature D. Can measure a large range of temperature.
18	Which one is a renewable source of	A. Coal B. Uranium C. Sunlight D. Natural gas
19	When the line of action of the applied force passes through its pivot point then the moment of force acting on the body is	A. Maximum B. Minimum C. Infinite D. Zero
20	Which statement below correctly identifies the difference between laws and theories.	A. Laws describe phenomena, while theories explain why phenomena exist B. Laws are a statement of fact, while theories are a statement of opinion C. Laws explain why phenomena exist, while theories explain how D. Laws are a prediction of phenomena, while theories are an explanation.