

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Pressure of liquid in a container increase with	A. Depth B. Volume C. Mass D. Base
2	The numerical ratio of displacement to distance is	A. Equal to or less than one B. Always greater than one C. Always equal to one D. Always less than one
3	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
4	Which thermometer uses voltage to measure temperature of a hot body.	A. Thermocouple B. Resistance thermometer C. Liquid in glass thermometer D. Gas thermometer
5	When a spring is compressed, what form of energy does it possess.	A. Heat B. Internal C. Potential D. Kinetic
6	One disadvantage of using alcohol in a liquid in glass thermometer.	A. It wets the glass tube B. It has large expansivity C. It has low freezing point (-112 °C) D. Its expansion is linear
7	A sensitive magnetic material is shielded by the external magnetic field. It should be kept inside a box of.	A. Soft Iron B. Plastic C. Steel D. Wood
8	Which of the following is a base unit.	A. Mole B. Pascal C. Coulomb D. meter per second
9	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 statements of opinion C. Laws explain why phenomena exist, while theories explain how D. Laws are a prediction of phenomena, while theories are an explanation.
10	A body is moving with constant acceleration starting from rest. It covers a distance S in 4 seconds. How much time does it take to cover one-fourth of this distance.	A. 1 s B. 2 s C. 4 s D. 16 s
11	The SI unit of power	A. erg B. Newton C. Watt D. Joule
12	The cause of the Earth's magnetic field is.	A. Rotational motion of Earth B. Motion of ions in the core C. Spinning of Earth D. Pull of the sun
13	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
14	Which branch of science plays vital role in technology and engineering.	A. Biology B. Chemistry C. Physics D. ...

D. Geology

15	When using a measuring cylinder one precaution to take is to.	A. Check for the zero B. Position the eye in line with the bottom of the meniscus C. Look at the meniscus from below the level of the water surface D. Take several readings by looking from more than one direction
16	Earth's magnetic field intensity is.	A. Constant everywhere B. Very low at poles C. Varies place to place D. Very high at equator
17	Gradient of the speed-time graph is equal to.	A. Speed B. distance covered C. Acceleration D. Velocity
18	The color of a door is brown, is an example of.	A. Law B. Prediction C. Observation D. Hypothesis
19	The branch of Physics that deals with the particles such as neutrons and protons.	A. Electricity B. Plasma Physics C. Nuclear Physics D. Solid state Physics
20	Centripetal force is given by	A. rF B. mv^2/r C. mv^2/r^2 D. $r \cos \theta$