

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If a body does not change its position with respect to some fixed point, then it will be in a state of.	A. Motion B. Uniform motion C. Rest D. Variable motion
2	Magnetic lines of force	A. Enter into the north pole B. Cross one another C. Are always directed in a straight line D. Enter into the south pole
3	material which is the best one for making a permanent magnet.	A. Nickel B. Steel C. Soft iron D. Cobalt
4	Pressure of 1000 bars is equivalent is.	A. 0.1 kPa B. 100 k Pa C. 10 k Pa D. 1 k Pa
5	A user friendly software application of smart phone use	A. Laser Technology B. Information Technology C. Medical Technology D. Electronic technology
6	A body in equilibrium must not have	A. Speed B. Velocity C. Acceleration D. Quantity of motion
7	The temperature which has the same value on Celsius and Fahrenheit scale is.	A. -45 B. +40 C. -40 D. +45
8	A man walks on a tight rope. He balances himself by holding a bamboo stick horizontally, It is an application of	A. Law of conservation of momentum B. Principle of momentums C. Newton's third law of motion D. Newton's second law of motion
9	The instrument that is most suitable for measuring the thickness of a few sheets on cardboard is a.	A. Metre rule B. Micrometer screw gauge C. Measuring tape D. Vernier calipers
10	At the fairground, the force that balances your weight is	A. Gravitational force B. Electrostatic force C. Centripetal force D. Frictional force
11	If a bar magnet is cut in half it will become	A. A monopole B. Magnetized C. Magnet of less strength D. The same magnet
12	The Branch of Physics that is most important when studying how glasses help people see.	A. Optics B. Thermodynamics C. Electromagnetism D. Mechanics
13	A rider is training a horse. He moves 60 meters towards right in 3 seconds. Then it turns back and travels 30 meters in 2 seconds. Find its average velocity.	A. 18 m/s B. 6 m/s C. 0 m/s D. 35 m/s
14	When an ideal gas is expanded keeping its temperature constant, its internal energy	A. Increases B. Remains the same C. Decreases D. Cannot be determined
15	Which state of matter has particles that are highly compressible and can fill any container.	A. Plasma B. Solid C. Gas D. Liquid

		D. Liquid
16	A force acts on a boy for 2 seconds and it produces 50 kg m/s change in its momentum. The force acting on the body	A. 25 N B. 100 N C. 2 N D. 50 N
17	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
18	Which one is a better choice for a liquid in glass thermometer is that.	A. Wets glass B. Is colourless C. Is a bad conductor D. Expand linearly
19	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
20	A force of 5 N is applied to a body weighing 10 N. Its acceleration in m/s ² is	A. 0.5 B. 2 C. 5 D. 50