

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A common method used to magnetize materials is.	A. Hitting B. Heating C. Stroking D. Placing inside a solenoid having AC current
2	How many phases of matter are there.	A. 2 B. 1 C. 3 D. 4
3	What is the force exerted by the atmosphere on a rectangular block surface of length 50 cm and breadth 40 cm? The atmospheric pressure is 100 k Pa.	A. 20 kN B. 200 kN C. 100 kN D. 500 kN
4	In a stationary fluid, the local pressure of the fluid varies.	A. Neither with depth nor along horizontal direction B. With depth only C. Both with depth and along horizontal direction D. Horizontally only
5	SI unit of linear momentum is	A. kg m ⁻¹ s ⁻¹ B. kg m s⁻¹ C. kg m ² s ⁻¹ D. Nm
6	The instrument that is most suitable for measuring the thickness of a few sheets of cardboard is a.	A. Metre rule B. Micrometer screw gauge C. Measuring tape D. Vernier calipers
7	A ball weighing 50 N is lifted to a height of 5 metres. The potential energy stored in it is.	A. 25 J B. 250 J C. 55 J D. 45 J
8	The power of a water pump is 2 kW. The amount of water it can raise in one minute to a height of 5 metres is	A. 2400 litres B. 1000 litres C. 1200 litres D. 2000 litres
9	A satellite of mass 'm' is revolving around the earth with an orbital speed 'v'. If mass of the satellite is doubled, its orbital speed will become.	A. Double B. Half C. One fourth D. Remain the same
10	The pressure exerted by a person on the surface of earth will be smaller when he	A. Stands on both feet B. Sits on the ground C. Sleeps on the ground D. Stands on one leg
11	Which of the following is a non-contact force.	A. Friction B. Electrostatic force C. Air resistance D. Tension in the string
12	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
13	The most elastic material of the following is.	A. Rubber B. Steel C. Wood D. Glass
14	Gases and liquids are categorized as.	A. Liquids B. Gases C. Fluids D. Solids
		A. 0.1 kPa

15	Pressure of 1000 bars is equivalent is.	B. 100 k Pa C. 10 k Pa D. 1 k Pa
16	At the fairground, the force that balances your weight is	A. Gravitational force B. Electrostatic force C. Centripetal force D. Frictional force
17	A cylinder resting on its circular bases is in	A. Neutral equilibrium B. Stable equilibrium C. Unstable equilibrium D. None of these three
18	One unit of horsepower is equivalent	A. 716 W B. 746 W C. 736 W D. 756W
19	A force F is making an angle of 60° with x-axis . Its y-component is equal to.	A. F B. $F \cos 60^\circ$ C. $F \sin 60^\circ$ D. $F \tan 60^\circ$
20	The statement "If I do not study for this test, then I will not get good grade" is an example of.	A. Prediction B. Law C. Theory D. Observation