

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Which thermometer uses voltage to measure temperature of a hot body.	A. Thermocouple B. Resistance thermometer C. Liquid in glass thermometer D. Gas thermometer
2	Which one is renewable source of	A. Coal B. Uranium C. Sunlight D. Natural gas
3	An object with a mass 5 kg moves at constant velocity of 10 ms ⁻¹ . A constant force then acts for 5 seconds on the object and gives it a velocity of 2 ms ⁻¹ . In the opposite direction, The force acting on the object is.	A. -12 N B. 5 N C. -10 N D. -15 N
4	A Joule can also be written as.	A. kgms ⁻² B. kgms ⁻¹ C. kgms ⁻² S ⁻² D. kgms ⁻² S ⁻³
5	A light year is a unit of.	A. Light B. Time C. Speed D. Distance
6	The atmospheric pressure will be smaller at.	A. Peshawar B. Murree C. Lahore D. Islamabad
7	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
8	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
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	Which of the following material is ferromagnetic	A. Nickel B. Copper C. Aluminum D. Silver
11	In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to.	A. 0.05 mm B. 0.5 mm C. 0.1 mm D. 0.001 mm
12	Thermometer, which is most suitable for measuring rapidly changing temperatures is.	A. Constant volume gas thermometer B. Resistance thermometer C. Thermocouple D. Liquid in glass thermometer
13	A particle is simultaneously acted upon by two forces of 4 and 3 newtons. The net force on the particle is.	A. Between 1 N and 7 N B. 1 N C. 5 N D. 7 N
14	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
		A. Kilogram

15	Which one of the following unit is not a derived unit.	B. Watt C. Newton D. Pascal
16	Which one is the quickest method to magnetize a material	A. Strike with hammer B. Putting inside a current carrying coil C. Moving into magnetic field D. Stroking the opposite pole
17	A particle of mass m moving with a velocity v collides with another particle of the same mass at rest. The velocity of the first particle after collision is.	A. 0 B. v C. $-v$ D. $-v/2$
18	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
19	Heat is the	A. The energy in transit B. Total kinetic energy of the molecules C. The internal energy D. Work done by the molecules
20	The SI Unit of Power is	A. Watt B. Joule C. Newton D. Second