

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Atmospheric pressure is commonly measured using a.	A. Hygrometer B. Monometer C. Barometer D. Thermometer
2	The color of a door is brown, is an example of.	A. Law B. Prediction C. Observation D. Hypothesis
3	A heavy and a lighter object have same momentum. The object with greater kinetic energy is.	A. Heavy B. Lighter C. Same kinetic energy D. Either a or b
4	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
5	Which of the following is a non-contact force.	A. Friction B. Electrostatic force C. Air resistance D. Tension in the string
6	The power of a water pump is 2 kW. The amount of water it can raise in one minute to a height of 5 meters is	A. 2400 litres B. 1000 litres C. 1200 litres D. 2000 litres
7	SI unit of linear momentum is	A. $\text{kg m}^{-1} \text{s}^{-1}$ B. kg m s^{-1} C. $\text{kg m}^2 \text{s}^{-1}$ D. Nm
8	The SI Unit of Power is	A. Watt B. Joule C. Newton D. Second
9	If a cyclist has acceleration of 2 m/s^2 for 5 seconds, the change in velocity of the cyclist is.	A. 15 m/s B. 10 m/s C. 2 m/s D. 20 m/s
10	A ball is thrown downward with an initial velocity, its.	A. E_k increases and E_p decreases B. E_k decreases and E_p increases C. Both E_k and E_p increase D. Both E_k and E_p decrease
11	In a vernier Caliper 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	Which of the following prefix represents the largest value.	A. Pico B. Peta C. Mega D. Kilo
13	Change in position of a body from initial to final point is called	A. Velocity B. Speed C. Displacement D. Distance
14	Which of the following material is ferromagnetic	A. Nickel B. Copper C. Aluminum D. Silver
15	When studying how air conditioners cool your house, then it is	A. Optics B. Nuclear Physics C. Thermodynamic D. Electromagnetism

16	A Partical enegine cannot have an efficiency equal to.	A. 0 B. 1 C. 0.8 D. 0.5
17	Physics is a branch of	A. Biological science B. Physical Science C. Life science D. Social science
18	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
19	Slope of distance-time graph is.	A. Speed B. Velocity C. Acceleration D. Displacement
20	A bullet of mass 0.05 kg has a speed of 300 ms ⁻¹ . Its kinetic energy will be.	A. 2250 J B. 4500 j C. 1500 J D. 1125 J
