

## 9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A bullet of mass 0.05 kg has a speed of 300 ms <sup>-1</sup> . Its kinetic energy will be.	A. 2250 J B. 4500 J C. 1500 J D. 1125 J
2	A sensitive magnetic material is to be shielded by the external magnetic field. It should be kept inside a box of.	A. Soft Iron B. Plastic C. Steel D. Wood
3	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
4	Four students measure the diameter of a cylinder with vernier callipers. Which of the following readings is correct?	A. 3.4 cm B. 3.47 cm C. 3.5 cm D. 3.475 cm
5	The SI Unit of Power is	A. Watt B. Joule C. Newton D. Second
6	Which of the following prefixes represents the largest value.	A. Pico B. Peta C. Mega D. Kilo
7	Temperature of a substance is	A. The total amount of heat contained in it B. Degree of hotness or coldness C. The total number of molecules in it D. Dependent upon the intermolecular distance
8	Which thermometer uses voltage to measure the temperature of a hot body.	A. Thermocouple B. Resistance thermometer C. Liquid in glass thermometer D. Gas thermometer
9	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
10	When studying how air conditioners cool your house, then it is	A. Optics B. Nuclear Physics C. Thermodynamics D. Electromagnetism
11	The branch of physics that is most important when studying how glasses help people see.	A. Optics B. Thermodynamics C. Electromagnetism D. Mechanics
12	A tightrope walker is carrying a long pole while walking across a rope. The stability of the walker is affected if the pole is	A. Short and placed horizontally B. Long and placed horizontally C. Short and placed vertically D. Long and placed vertically
13	One unit of horsepower is equivalent to	A. 716 W B. 746 W C. 736 W D. 756 W
14	What type of motion is of the molecules in a gas.	A. Random motion B. Linear motion C. Vibratory motion D. Rotatory motion

15	The power of a waer pump is 2 kW. The amouht of water it can raise in one minute to a height of 5 meter is	<p>A. 2400 litres  B. 1000 litres  C. 1200 litres  D. 2000 litres</p>
16	The temperature which has the same value on Celcius and Fahrenheit scale is.	<p>A. -45  B. +40  C. -40  D. +45</p>
17	A car is moving with velocity of 10 m/s . If it has acceleration of 2 m/s <sup>2</sup> for 10 seconds. What is final vlocity of the car.	<p>A. 20 m/s  B. 10 m/s  C. 30 m/s  D. 15 m/s</p>
18	The correct order of comparison for the terminal speeds of a raindrop snowflake, and hailstone is.	<p>A. Raindrop= Snowflake = Hailstone  B. Rindrop&gt;Snow flake&gt;Hailstone  C. Hailstone&gt;SRaindrop&gt;Snowflake  D. Snowflake&gt;FRaindrop&gt;Hailstone</p>
19	The pressrue at any point in a liquid is proportional to.	<p>A. Density of liquid  B. Depth of the point below the surface of the liquid  C. Acceleration due to gravity  D. All of the above</p>
20	Work done is maximum when the angle between the force F and the displacemtn d is	<p>A. 60<sup>o</sup>  B. 30<sup>o</sup>  C. 0<sup>o</sup>  D. 90<sup>o</sup></p>