

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The instrument best measures the internal diameter of a pipe is.	A. Screw gauge B. Metre rule C. Vernier caliper D. Measuring tape
2	Which of following prefix represents largest value.	A. Pico B. Peta C. Mega D. Kilo
3	N kg ⁻¹ is equivalent to	A. m s ⁻¹ B. m s ⁻² C. kg m s ⁻¹ D. kg m s ⁻²
4	Which branch of science plays an important role in engineering.	A. Biology B. Physics C. Chemistry D. Life Science
5	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
6	Permanent magnets are used in	A. Circuit breaker B. Loudspeaker C. Electric crane D. Magnetic recording
7	Amount of substance in terms of numbers is measured in	A. Gram B. Mole C. Kilogram D. Newton
8	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
9	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
10	Motion of a screw of rotating fan is	A. Circular Motion B. Vibratory motion C. Rotatory motion D. Random Motion
11	In 5 s a car accelerates so that its velocity increases by 20 m/s. The acceleration is	A. 0.25 m/s ² B. 4 m/s ² C. 100 m/s ² D. 25 m/s ²
12	What is the ultimate truth of a scientific method.	A. Hypothesis B. Experimentation C. Law D. Theory
13	A weight lifter of power 1960 watt lifts a load of mass 'M' from the ground to a height of 2 m in 3 seconds. 'M' is.	A. 200 kg B. 100 kg C. 400 kg D. 300 kg
14	The type of energy derived from heated ground water is	A. Tidal energy B. Hydroelectric energy C. Nuclear energy D. Geothermal energy
15	The force which moves the car is	A. Force of friction between road tyre B. Force developed by engine C. Uniform velocity

		D. Water split on the road
16	A thermometer has a narrow capillary tube so that it.	A. Gives alarge chagne for a given temperture rise B. Quickly responds to temperature changes C. Can read the maximum temperature D. Can measure a large range of temperature.
17	material which is the best one for making a permanent magnet.	A. Nickel B. Steel C. Soft iron D. Cobalt
18	A ball is thrown downward with an initial velocity, its.	A. Ek increases and Ep decreases B. Ek decreases and Ep increases C. Both Ek and Ep increases D. Both Ek and Ep decreases
19	One unit of horsepower is equivalent	A. 716 W B. 746 W C. 736 W D. 756W
20	The principle of ahydraulic press is based on.	A. Pascal's law B. Hooke's Law C. Principle of conseration of energy D. Principle of conservatin of momentum