

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

Sr	Questions	Answers Choice
1	When a hanging carpet is beaten by stick Dust flies off the carpet It is mainly due to.	A. Action force on carpet B. Inertia of dust C. Reaction force by carpet D. Rate of change of momentum of carpet
2	The instrument best measures the internal diameter of a pipe is.	A. Screw gauge B. Metre rule C. Vernier caliper D. Measuring tape
3	Gases and liquids are categorized as.	A. Liquids B. Gases C. Fluids D. Solids
4	What we kick a stone, we get hurt This is due to	A. Inertia B. Momentum C. Reaction D. Velocity
5	Which branch of science plays an important role in engineering.	A. Biology B. Physics C. Chemistry D. Life Science
6	The area under the speed-time graph is numerically equal to	A. Distance covered B. Velocity C. Uniform velocity D. Acceleration
7	The best materials to protect a device from external magnetic field is	A. Soft iron B. Steel C. wood D. Plastic
8	Change in momentum of a body is equal to	A. Force Velocity B. Force Time C. Mass time D. Force
9	A lubricant is usually introduced between two surfaces to decreases friction. The lubricant.	A. Decreases temperature B. Provides rolling friction C. Prevents direct contact of the surfaces D. Acts as ball bearings
10	Which of the following is a base unit.	A. Mole B. Pascal C. Coulomb D. meter per second
11	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
12	A ball with initial momentum p hits a solid wall and bounces back with the same velocity. Its momentum p after collision will be.	A. P' = p B. P' = - p C. P' = 2P D. P' = -2P
13	It is more difficult to walk on a slippery surface than on a nonslippery one because of	A. Lower weight B. Increased friction C. Reduced friction D. High grip
14	You throw a net open fully underwater, spreading out its mesh evenly. Compared to the moment it left your hand, where in the net's center of mass now.	A. Unchanged from its position when thrown B. At the same depth but slightly shifted horizontally C. Higher in the water column D. Lower in the water column
		A. The reaction of ground

15	The reason that a car moving on a horizontal road gets thrown out of the road while taking a turn is.	B. Rolling friction between tyre and road <b>C. Lack of sufficient centripetal force</b> D. Gravitational force
16	What is the power utilized when 100 J of work is done in 5 s. 10 W	A. 10 W B. 500 W <b>C. 20 W</b> D. 105 W
17	Which statement describes the particles structure of gases.	A. Particles are tightly packed and have strong bonds <b>B. Particles have moderate kinetic energy and move randomly</b> C. Particles are arranged in a repeating pattern D. Particles have fixed positions and low kinetic energy
18	Conservation of Linear momentum is equivalent to.	A. Newton's First law of motion B. Newton's second law of motion C. Newton's third law of motion <b>D. None of these</b>
19	Which one is the quickest method to magnetize a material	A. Strike with hammer <b>B. Putting inside a current carrying coil</b> C. Moving into magnetic field D. Stroking the opposite pole
20	A 4 kg body is thrown vertically upward from the ground with a velocity of 5 ms <sup>-1</sup> . If friction is neglected its kinetic energy just before hitting the ground is.	A. 25 J B. 100 J <b>C. 50 J</b> D. 75 J