

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

Sr	Questions	Answers Choice
1	What happens to the arrangement of particles when a solid is heated and turns into a liquid	<p>A. Particles change their state from solid to gas</p> <p><b>B. Particles move farther apart</b></p> <p>C. Particles become more closely packed</p> <p>D. Particles change their state</p>
2	The reason that a car moving on a horizontal road gets thrown out of the road while taking a turn is.	<p>A. The reaction of ground</p> <p>B. Rolling friction between tyre and road</p> <p><b>C. Lack of sufficient centripetal force</b></p> <p>D. Gravitational force</p>
3	A uniformly rotating fan is said to be in	<p>A. Static equilibrium only</p> <p><b>B. Dynamic equilibrium only</b></p> <p>C. Both in static and dynamic equilibrium</p> <p>D. Not in equilibrium</p>
4	In stable equilibrium the centre of gravity of the body lies.	<p>A. At the highest position</p> <p>B. At any position</p> <p>C. Outside the body</p> <p><b>D. At the lowest position</b></p>
5	A heavy and a lighter object have same momentum. The object with greater kinetic energy is.	<p>A. Heavy</p> <p><b>B. Lighter</b></p> <p>C. Same kinetic energy</p> <p>D. Either a or b</p>
6	A seesaw balances perfectly with two children of equal weight sitting at equal distances from the fulcrum. If one child moves closer to the fulcrum.	<p>A. The seesaw topples</p> <p>B. The seesaw tips towards the child who stayed further away</p> <p><b>C. The seesaw tips towards the child who moved closer</b></p> <p>D. The seesaw remains balanced</p>
7	Magnetic lines of force	<p><b>A. Enter into the north pole</b></p> <p>B. Cross one another</p> <p>C. Are always directed in a straight line</p> <p>D. Enter into the south pole</p>
8	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.	<p>A. 25 J</p> <p>B. 100 J</p> <p><b>C. 50 J</b></p> <p>D. 75 J</p>
9	material which is the best one for making a permanent magnet.	<p>A. Nickel</p> <p><b>B. Steel</b></p> <p>C. Soft iron</p> <p>D. Cobalt</p>
10	The force which moves the car is	<p>A. Force of friction between road tyre</p> <p><b>B. Force developed by engine</b></p> <p>C. Uniform velocity</p> <p>D. Water split on the road</p>
11	What is the ultimate truth of a scientific method.	<p>A. Hypothesis</p> <p>B. Experimentation</p> <p><b>C. Law</b></p> <p>D. Theory</p>
12	Which one of the following unit is not a derived unit.	<p><b>A. Kilogram</b></p> <p>B. Watt</p> <p>C. Newton</p> <p>D. Joule</p>

13	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
14	The atmospheric pressure will be smaller at.	A. Peshawar B. Murree C. Lahore D. Islamabad
15	A thermometer has a narrow capillary tube so that it.	A. Gives a large change for a given temperature rise B. Quickly responds to temperature changes C. Can read the maximum temperature D. Can measure a large range of temperature.
16	In which of the materials, particles have only vibrational motion.	A. Liquids B. Solid C. Plasma D. Gas
17	A lubricant is usually introduced between two surfaces to decrease friction. The lubricant.	A. Decreases temperature B. Provides rolling friction C. Prevents direct contact of the surfaces D. Acts as ball bearings
18	Change in momentum of a body is equal to	A. Force Velocity B. Force Time C. Mass time D. Force
19	When an ideal gas is expanded keeping its temperature constant, its internal energy	A. Increases B. Remains the same C. Decreases D. Cannot be determined
20	Four wires of the same material are stretched by the same load. Their dimensions are given below. Which of them will elongate most.	A. Length 4 m, diameter 0.5 mm B. Length 1 m, diameter 1 mm C. Length 2 m, diameter 2 mm D. Length 3 m, diameter 3 mm