

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

Sr	Questions	Answers Choice
1	For an object moving with terminal velocity, its acceleration.	A. First increase then decreases B. Is zero C. Increase with time D. Decrease with time
2	When using a measuring cylinder one precaution to take is to.	A. Check for the zero B. Position the eye in line with the bottom of the meniscus C. Look at the meniscus from below the level of the water surface D. Take several readings by looking from more than one direction
3	The area under the speed-time graph is numerically equal to	A. Distance covered B. Velocity C. Uniform velocity D. Acceleration
4	An object will continue its motion with constant acceleration until	A. The resultant force is at right angle B. The resultant force on it begins to increase C. The resultant force on it begins to decrease D. The resultant force is at right angle to its tangential velocity
5	A bucket having some water is revolved in vertical circle. Water does not spill out, even the bucket is upside down, due to.	A. Centrifugal force on water B. Weight of water C. Inertia of water D. Action and Reaction balance each other
6	Which one is renewable source of	A. Coal B. Uranium C. Sunlight D. Natural gas
7	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.	A. The seesaw topples B. The seesaw tips towards the child who stayed further away C. The seesaw tips towards the child who moved closer D. The seesaw remains balanced
8	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
9	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
10	A sensitive magnetic material is shielded by the external magnetic field. It should be kept inside a box of.	A. Soft Iron B. Plastic C. Steel D. Wood
11	Magnetic field lines.	A. Are closed B. Are farthest at poles C. Intersect each other D. Do not pass in vacuum
12	The pressure at any point in a liquid is proportional to.	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
13	A cylinder resting on its circular bases is in	A. Neutral equilibrium B. Stable equilibrium C. Unstable equilibrium D. None of these three

14	Which one is a non -physical quantity.	A. Density B. Colour C. Time D. Distance
15	A body accelerates from rest to a velocity of 144 km h <sup>-1</sup> in 20 seconds. The the distance covered by it is.	A. 100 m B. 1400 m C. 400 m D. 1440 m
16	material which is the best one for making a permanent magnet.	A. Nickel B. Steel C. Soft iron D. Cobalt
17	A body in equilibrium must not have	A. Speed B. Velocity C. Acceleeration D. Quantity of motion
18	Which Statemtn below correctly identifies the differecne between laws and theories.	A. Laws describe phenomena , while theories explain why phenomena exist B. Laws are a statment of fct, while theories are statemtn of opinion C. Laws explain why phenomena exist, while theories explain how D. Laws are a prediction of phenomena, while theories are an explanation.
19	Divers wear special suites in order to protect them from	A. Low pressure B. Low temperature C. High Temperature D. High Pressure
20	The magnitude of momentum of an object is doubled. the kinetic energy of the object will	A. Double B. Increase to four times C. Reduce to one half D. Remain the same