

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Area under speed-time graph is equal to.....of moving body	A. Acceleration B. Distance C. Change in velocity D. Uniform velocity
2	The correct order of comparison for the terminal speeds of a raindrop snowflake, and hailstone is.	A. Raindrop= Snowflake = Hailstone B. Raindrop>Snow flake>Hailstone C. Hailstone>SRaindrop>Snowflake D. Snowflake>FRaindrop>Hailstone
3	Permanent magnets are used in	A. Circuit breaker B. Loudspeaker C. Electric crane D. Magnetic recording
4	material which is the best one for making a permanent magnet.	A. Nickel B. Steel C. Soft iron D. Cobalt
5	The cause of the Earth's magnetic field is.	A. Rotational motion of Earth B. Motion of ions in the core C. Spinning of Earth D. Pull of the sun
6	SI unit of pressure is.	A. Newton B. Pascal C. Infinite D. Zero
7	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
8	You are trying to loosen a nut using a spanner, but it is not working. In order to open the nut, you need to.	A. Use plastic and soft spanner B. Use a spanner of small length C. Insert a pipe to increase length of spanner D. Tie a rope with spanner
9	Which will exert greater pressure.	A. 3 g needle of tip area 1 mm ² B. 4000 kg elephant on total foot area 0.5 m ² C. A girl of mass 40 kg wearing high heel shoes of cross sectional area 0.5 cm ² D. A loaded ship of mass 2.2 x 10 ⁷ kg having area 600 mm ²
10	Slope of distance-time graph is.	A. Speed B. Velocity C. Acceleration D. Displacement
11	A shopkeeper sells his articles by a balance having unequal arms of the pans. If he puts the weights in the pan having shorter arm, then the customer.	A. Gains B. Loses C. Neither loses nor gains D. Not certain
12	Change in position of a body from initial to final point is called	A. Velocity B. Speed C. Displacement D. Distance
13	Temperature of 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

14	A 4 kg body is thrown vertically upward from the ground with a velocity of 5 ms ⁻¹ . If friction is neglected its kinetic energy just before hitting the ground is.	A. 25 J B. 100 J C. 50 J D. 75 J
15	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 D. None of these
16	Automobile technology is based on	A. Thermodynamics B. Acoustics C. Electromagnetism D. Optics
17	Which branch of science plays vital role in technology and engineering.	A. Biology B. Chemistry C. Physics D. Geology
18	Which of the following numbers show 4 significant digits.	A. 9000.8 B. 4 C. 0.001248 D. 5174.00
19	A body in equilibrium must not have	A. Speed B. Velocity C. Acceleration D. Quantity of motion
20	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