

9th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	material which is the best one for making a permanent magnet.	A. Nickel B. Steel C. Soft iron D. Cobalt
2	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
3	Which of the following material is ferromagnetic	A. Nickel B. Copper C. Alluminum D. Silver
4	Change in momentum of a body is equal to	A. Force Velocity B. Force Time C. Mass time D. Force
5	The Branch of Physics that is most important when studying how glasses help people see.	A. Optics B. Thermodynamics C. Electromagnetism D. Mechanics
6	Which state of matter has particles that are highly compressible and can fill any container.	A. Plasma B. Solid C. Gas D. Liquid
7	Four wires of the same material are stretch by the same load. Their dimensions are give 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. Legnth 3 m, diameter 3 mm
8	Change in position of a body from initial to final point is called	A. Velocity B. Speed C. Displacement D. Distance
9	What is mass of a liquid of density 50 kg m ⁻³ in a container of volume 5 m ³ ?	A. 200 kg B. 250 kg C. 225 kg D. 275 kg
10	The workig of refrigeration and air conditionig involves.	A. Electromagnetism B. thermodynamics C. Climate science D. Mechanics
11	A force F is making an angle of 60 °with x-axis . Its y-component is equal to.	A. F B. $F \cos 60^\circ$ C. $F \sin 60^\circ$ D. $F \tan 60^\circ$
12	Least count of scew gauge is 0.01 mm. If main scale reading of screw guage is zero and third line of its circular scale conscides with datum line then the measurement on the screw guage is.	A. 0.03mm B. 3 mm C. 0.3mm D. 0.1 mm
13	Thrust force is a consequence of which law of motion.	A. First B. Second C. Third D. Fourth
14	A cylinder resting on its circulr bases is in	A. Neurtral equilibrium B. Stable equilibrium C. Unsatable equilibrium D. None of these three
15	A box is taken to the second floor at a building by doing some work.This work converts to.	A. Kinetic energy B. Heat enegy C. Potential energy D. Sound energy

16	The correct order of comparison for the terminal speeds of a raindrop snowflake, and hailstone is.	A. Raindrop= Snowflake = Hailstone B. Rindrop>Snow flake>Hailstone C. Hailstone>SRaindrop>Snowflake D. Snowflake>FRaindrop>Hailstone
17	At the fairground, the force that balances your weight is	A. Gravitational force B. Electrostatic force C. Centripetal force D. Frictional force
18	In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to.	A. 0.05 mm B. 0.5 mm C. 0.1 mm D. 0.001 mm
19	A force acts on a boy for 2 seconds and it produces 50 kg m/s change in its momentum. The force acting on the body	A. 25 N B. 100 N C. 2 N D. 50 N
20	SI unit of pressure is.	A. Newton B. Pascal C. Infinite D. Zero