

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

| Sr | Questions  | Answers Choice  |
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| 1  | A bullet of mass 0.05 kg has a speed of 300 ms <sup>-1</sup> . Its kinetic energy will be.   | A. 2250 J<br>B. 4500 j<br>C. 1500 J<br>D. 1125 J  |
| 2  | For an objec moving with terminal velociyt, its acceleration.                                | A. First increasse than decreases<br>B. Is zero<br>C. Increass with time<br>D. Decrease with time   |
| 3  | Area under speed-time graphi is equal to.....of moving body                                  | A. Acceleration<br>B. Distance<br>C. Change in velocity<br>D. Uniform velocity  |
| 4  | A body in equilibrium must not have  | A. Speed<br>B. Velocity<br>C. Acceleeration<br>D. Quantity of motion  |
| 5  | The magnitude of momentum of an object is doubled. the kinetic energy of the object will     | A. Double<br>B. Increase to four times<br>C. Reduce to one half<br>D. Remain the same   |
| 6  | In stable equilibriu the centre of gravity of the body lies.                                 | A. At the highest position<br>B. At any position<br>C. Outside the body<br>D. At the lowest position  |
| 7  | Which of the following material is ferromagnetic   | A. Nickel<br>B. Copper<br>C. Alluminum<br>D. Silver   |
| 8  | What is the power utilized when 100 J of work is done in 5 s.10 W                            | A. 10 W<br>B. 500 W<br>C. 20 W<br>D. 105 W  |
| 9  | Which state of matter has particles that are highly compressible and can fill any container. | A. Plasma<br>B. Solid<br>C. Gas<br>D. Liquid  |
| 10 | At the fairground, the force that balances your weight is                                    | A. Gravitatinal force<br>B. Electrostatic force<br>C. Centripetal force<br>D. Frictional force  |
| 11 | Pressure of 1000 bars is equivalent is.  | A. 0.1 kPa<br>B. 100 k Pa<br>C. 10 k Pa<br>D. 1 k Pa  |
| 12 | Which will exert greater pressure.   | A. 3 g needle of tip are 1 mm <sup>2</sup><br>B. 4000 kg elephatn of total feed area 0.5 m <sup>2</sup><br>C. A girl of mass 40 kg wearing high heel shoes of cross sctional area 0.5 cm <sup>2</sup><br>D. A loaded ship fo mass 2.2 x10 <sup>7</sup> kg having area 600 mm <sup>2</sup> |
| 13 | Which statement describes the particles structure of gases.                                  | A. Particles are tightly packes and have stornng bonds<br>B. Particles have moderate kinetic energy and move randomly<br>C. Particles are arranged in a repeating pattern<br>D. Particles have fixed positions and low kinetic energy   |

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| 14 | The principle of ahydraulic press is based on.  | A. Pascal's law<br>B. Hooke's Law<br>C. Principle of conseration of energy<br>D. Principle of conservatin of momentum  |
| 15 | Gradient of the distance -time graph is equal to the  | A. Distance covered<br>B. Acceleration<br>C. Speed<br>D. Velocity  |
| 16 | When two curreint carrying wires in the same direction are placed parrallel near each other. due to magnetic field produced by each wire they.  | A. Repeal each other<br>B. Stop moving the current through them<br>C. Attract each other<br>D. Have no effect on each other  |
| 17 | When using a mwasring cylinder one preceution to take is to.  | A. Check for the zero<br>B. Position the eye in line with the bottom of the meniscus<br>C. Look at the menscus from below the level of the water surface<br>D. Take several readings by looking from more than one direction |
| 18 | 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<br>B. 3 mm<br>C. 0.3mm<br>D. 0.1 mm  |
| 19 | Ball dropped freely from a towar reaches ground in 4 s, the speed of impact of ball is.   | A. 2.45 m/s<br>B. 39. 2 m/s<br>C. 0 m/s<br>D. 19. 6 m/s  |
| 20 | The number of significant figuresin 0.00650 s are   | A. 2<br>B. 3<br>C. 5<br>D. 6   |