

Physics 9th Class English Medium Unit 5 Online Test

| Sr | Questions | Answers Choice |
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| 1 | A heavy and a lighter object have same momentum. The object with greater kinetic energy is. | A. Heavy B. Lighter C. Same kinetic energy D. Either a or b |
| 2 | A car, an elephant and a cricket ball have same kinetic energies, Which of these have greater speed. | A. Car B. Cricket ball C. All have same speed D. Elephant |
| 3 | The unit of work or energy joule is equal to..... | A. Newton metre B. Horsepower C. Watt metre D. Newton second |
| 4 | Which of the following is not renewable energy source. | A. Fossil fuels B. Hydroelectric energy C. Wind energy D. Solar energy |
| 5 | 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 |
| 6 | The energy possessed by a body by virtue of its position is. | A. Solar energy B. Chemical energy C. Potential energy D. Kinetic energy |
| 7 | If a car doubles its speed, its kinetic energy will be | A. Increased to four times B. The same C. Doubled D. Increased to the three times |
| 8 | 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 |
| 9 | The power of a water pump is 2 kW. The amount of water it can raise in one minute to a height of 5 meter is | A. 2400 litres B. 1000 litres C. 1200 litres D. 2000 litres |
| 10 | The SI Unit of Power is | A. Watt B. Joule C. Newton D. Second |
| 11 | A Joule can also be written as. | A. kgms ⁻² B. kgms ⁻¹ C. kgms ⁻² S ⁻² D. kgms ⁻² S ⁻³ |
| 12 | Work done is maximum when the angle between the force F and the displacement d is | A. 60° B. 30° C. 0° D. 90° |