

Physics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	A wire is stretched by a weight w . If the diameter of the wire is reduced to half of its previous value, the extension will become	A. Four times B. Double C. One fourth D. One half
2	A force is acting on a body but causes no displacement. The work done on the body is	A. Negative B. Zero C. Positive D. Infinite
3	A Partial engine cannot have an efficiency equal to.	A. 0 B. 1 C. 0.8 D. 0.5
4	Which one is a renewable source of	A. Coal B. Uranium C. Sunlight D. Natural gas
5	The type of energy derived from heated ground water is	A. Tidal energy B. Hydroelectric energy C. Nuclear energy D. Geothermal energy
6	A box is taken to the second floor of a building by doing some work. This work converts to.	A. Kinetic energy B. Heat energy C. Potential energy D. Sound energy
7	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
8	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
9	One unit of horsepower is equivalent	A. 716 W B. 746 W C. 736 W D. 756 W
10	The SI unit of power	A. erg B. Newton C. Watt D. Joule
11	What is the power utilized when 100 J of work is done in 5 s. 10 W	A. 10 W B. 500 W C. 20 W D. 105 W
12	A weight lifter of power 1960 watt lifts a load of mass 'M' from the ground to a height of 2 m in 3 seconds 'M' is.	A. 200 kg B. 100 kg C. 400 kg D. 300 kg