1st Year Fsc Physics Online Test

Sr	Questions	Answers Choice
1	Biomas is a potential source of	A. Renewable energy B. Non renewable energy C. Botha a and b D. Tidal energy
2	Which one is renewable source of energy.	A. Coal B. Uranium C. Biomass D. Natural gas
3	Original source of energy for biomass is	A. Earth B. Star C. Moon D. Sun
4	A body has P.E. = mgh, when it is at height 'h' from the ground. At the point at the distance 'x' below from the top its P.E. with	A. mgh B. mgx C. mg(x-h) D. None of these
5	Energy dissipated usually appears as	A. P.E. B. Heat Energy C. Chemical energy D. Nuclear Energy
6	A body of mass 1.0 Kg dropped from the top of a tower of highest 50 m, what will be its K.E. 10 m below the top	A. 400 J B. 490 J C. 49 J D. 98 J
7	The K.E. of bullet of mass 500 gm moving at a speed of 200 ms-1	A. 250 J B. 125 J C. 2500 J D. 10,000 J
8	If velocity 'v' of an object is double, then K.E. because.	A. Remain same B. Sixteen times C. Double D. Four times
9	Which one is a conservative force	A. Elastic spring force B. Air resistance C. Frictional force D. Tension in the spring
10	Watt -m2 is the unit of	A. Energy B. Intensity C. Power D. Work
11	The dimension of power is	A. MLT-1 B. ML2T-2 C. ML2T2 D. ML2T-3
12	The power needed to lift a mass of 5000 g to height of 1 m in 2 secnd is	A. 2.45 watt B. 24.5 watt C. 245 watt D. 2.45 watt
13	Identity the non conservative force among the following.	A. Frictional force B. Electrical force C. Gravitational force D. Elastic restoring force
14	A body of mass 2 kg moving with velocity of 4 ms-1 has K.E. equal to.	A. 16 J B. 8 J C. 32 J D. 2 J
15	3 Joules of work id done is 3 seconds, then power	A. 6 Watt B. 1 Watt C. 3 Watt D. 2 Watt

16	The commercial unit of electric energy is	A. Kilo watt hour B. watt C. Watt hour D. Kilo Watt
17	Kilo watt hour is the unit of	A. Power B. Energy C. Force D. Torque