Physics ICS Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The dimension of power is	A. MLT-1 B. ML2T-2 C. ML2T2 D. ML2T-3
2	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
3	Identity the non conservative force among the following.	A. Frictional force B. Electrical force C. Gravitational force D. Elastic restoring force
4	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
5	3 Joules of work id done is 3 seconds, then power	A. 6 Watt B. 1 Watt C. 3 Watt D. 2 Watt
6	The commercial unit of electric energy is	A. Kilo watt hour B. watt C. Watt hour D. Kilo Watt
7	Kilo watt hour is the unit of	A. Power B. Energy C. Force D. Torque
8	If a body of mass 5 kg is raised vertically through a distance of 1 m, then work done is.	A. 49 J B. 4.9 J C. 490 J D. 0.49 J
9	The work done will be maximum when angle between F and d.	A. 180° B. 0° C. 90° D. 60°
10	SI unit of work	A. Newton B. Walt C. Pascal D. Joule
11	The unit of work in base unit is	A. Kg m-1 sec-2 B. Kgm sec-2 C. Kgm2 sec-1 D. Kgm-1 sec-1
12	The dimensions of work are.	A. [MLT-1] B. [MLT-2] C. [ML2T-2] D. [MLT]
13	Work is negative when angle between F and d is	A. 45° B. 0° C. 90° D. 180°
14	Work has dimension lime	A. Torque B. Momentum C. Velocity D. Power
15	Salter's duck was invented by	A. Newton B. Einstein C. Prof Salter D. Maxwell

16	The tides raise in the sea roughly	A. Once a day B. Twice a day C. Three a day D. Four time a day
17	The unit of energy is same as that of	A. Power B. Work C. Torque D. Density