

ECAT Physics Chapter 4 Work and Energy Online Test

Sr	Questions	Answers Choice
1	The tidal energy is produced due to rotation of Earth relative to:	A. Moon B. Sun C. Oceans D. Water
2	Most of the geysers occur in:	A. Volcanic regions B. Magnetic regions C. Northern region D. None of these
3	A solar cell is made from:	A. Iron B. Silicon C. Germanium D. Copper
4	The amount of coal used since 1945 up till now as compared to that used in the whole of history before that is	A. Much more B. Very small C. No amount at all D. None of these
5	The tidal energy is due to gravitational pull of :	A. sun B. moon C. Mars D. None of these
6	A solar cell converts energy of the Sun into:	A. Heat energy B. Magnetic energy C. Light energy D. Sound energy
7	The ultimate source of money sources of energy is:	A. Sun B. Air C. Water D. Petroleum
8	If work is done at the rate of 2 k j per second, then total work done is half an hour will be:	A. 0.5 Kwn B. 2 Kwh C. 1 Kwh D. None of these
9	Teh consumption of energy by a 1000 watt heater in half an hour is:	A. 5 Kwh B. 0.5 Kwh C. 2.5 Kwh D. 3.2 Kwh
10	The consumption of energy by a 60 W bulb in 2 minutes is:	A. 2 watt-hour B. 120 watt-hour C. 30 watt-hour D. None of these
11	The power of an electric generating station is expressed in:	A. Kilo Jule B. Kilowatt-hour C. Kilo watt D. Watt
12	Power is a :	A. Vector quantity B. Base quantity C. Scalar quantity D. None of these
13	Watt x second is unit of:	A. Force B. Work C. Power D. None of these
14	Which of the following is not a unit of power:	A. J-sec B. Watt C. N m/sec D. Horsepower
15	The value of escape velocity of Earth planet comes out to be:	A. 11 m/sec B. 11 km/sec C. 11 km/hour D. 11 cm/sec

