

## Physics Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	_____ is bio fuel	A. Water B. Petrol C. Ethanol D. Oil
2	Hot igneous rocks, usually in molten or partly molten state are found in the depth of	A. 5 km B. 10 km C. 15 km D. 20 km
3	Bio mass is converted into fuel by	A. Evaporation B. Fermentation C. Reflection D. Scattering
4	A layer of rock holding water that allows water to percolate through it with pressure is called.	A. Geyser B. Aquifer C. Stem vent D. Hot spring
5	The unit of solar light inversely is	A. Watt B. kW m <sup>-2</sup> C. Watt m <sup>-2</sup> D. 1 m <sup>2</sup>
6	The value of solar constant.	A. 1.4 kW m <sup>-2</sup> B. 1.0 kW m <sup>-2</sup> C. 1.6 kW m <sup>-2</sup> D. 2 kW m <sup>-2</sup>
7	Which one is non renewable source of energy.	A. Hydro electric B. Bio mass C. Tides D. Oil
8	Biomass is a potential source of	A. Renewable energy B. Non renewable energy C. Both a and b D. Tidal energy
9	Which one is renewable source of energy.	A. Coal B. Uranium C. Biomass D. Natural gas
10	Original source of energy for biomass is	A. Earth B. Star C. Moon D. Sun
11	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
12	Energy dissipated usually appears as	A. P.E. B. Heat Energy C. Chemical energy D. Nuclear Energy
13	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
14	The K.E. of bullet of mass 500 gm moving at a speed of 200 ms <sup>-1</sup>	A. 250 J B. 125 J C. 2500 J D. 10,000 J
15	If velocity 'v' of an object is double, then K.E. because.	A. Remain same B. Sixteen times C. Double D. Four times

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16 Which one is a conservative force

- A. Elastic spring force
  - B. Air resistance
  - C. Frictional force
  - D. Tension in the spring
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17 Watt -m<sup>2</sup> is the unit of

- A. Energy
  - B. Intensity
  - C. Power
  - D. Work
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