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Roll No.

**4th Sem / Instrumentation & Control,
Power Station Engg., Elect & Eltx. Engg.**

**Subject:- Principles of Energy Management / Energy
Sources & Management of Electrical Energy**

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 The Disadvantages of renewable source of energy are

- a) Intermittency
- b) Lack of dependability
- c) Availability in low energy densities
- d) All of the above

Q.2 Energy is released from fissile fuels when they are __

- a) Pumped b) Burned
- c) Cooled d) Pressurized

Q.3 The solar cells are made of

- a) Aluminium b) Germanium
- c) Silicon d) Cadmium

Q.4 Which of the following power plants is the least reliable?

- a) Wind b) Tidal
- c) Geothermal d) Solar

Q.5 Which of the following is a non-renewable resource?

- a) Coal
- b) Forests
- c) Water
- d) Wildlife

Q.6 CFC stands for

- a) Chlorofluorocarbons
- b) Carbon fluorine carbon
- c) Compact fluoro carbons
- d) Concentric fluoro carbons

Q.7 The main energy management strategies:

- a) Energy development
- b) Energy scheduling
- c) Energy Conservation
- d) Energy efficiency

Q.8 The objective of energy management includes

- a) Minimising energy costs
- b) Minimising Waste
- c) Minimising environmental degradation
- d) All of above

Q.9 Which is non-conventional source of energy ?

- a) Fossil fuels
- b) Radio active substances
- c) Geothermal, ocean tides and waves
- d) Water

Q.10 What is ESCO?

- a) Energy Saving Company
- b) Energy Sourcing Company
- c) Energy Service Company
- d) Energy section of company

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