

Or

Write short notes on the following :

- (a) Energy conservation
- (b) Solar Pond.

13. Name the various model of biogas plant.
Describe

Or

Write short notes on the following :

- (a) Natural hazards
- (b) Technological hazard.

Roll No.

Exam Code : J-19

Subject Code—0835

**P. G. Diploma in Environmental
Management (PGDEM) EXAMINATION**

(Main & Re-appear)

(For Batch 2011 Onwards)

ENERGY AND DISASTER MANAGEMENT

PGDEM-05

Time : 3 Hours

Maximum Marks : 70

Section A

Note : Attempt any *Seven* questions. **7×5=35**

1. Define the following terms :

- (a) Ends oil
- (b) LPG
- (c) Renewable energy
- (d) Photosynthesis
- (e) Ethanol

2. Write down the name of five-non-renewable energy resources.
3. Define the following terms :
 - (a) Solar cell
 - (b) Bio-gas
 - (c) Tidal energy
 - (d) Energy Plantation
 - (e) Biomass.
4. What are solar collectors ? Enumerate the types of solar collectors.
5. Enumerate principle and works of solar desalinization.
6. Define the following terms :
 - (a) Volcanoes
 - (b) Drought
 - (c) Cyclones
 - (d) Storms
 - (e) Landslides.

7. Enumerate the cause of earthquake.
8. Enumerate green house effect.
9. Enumerate the process of an absolute digestion.
10. Write down principle and working of solar cookers.

Section B

Note : Attempt all the questions.

11. Enumerate Indian energy and cenana what is the Indian strategy to meet future energy demand. **12**

Or

Explain principle of solar cell. Enumerate its advantages and disadvantages.

12. Enumerate principle and working of solar water heater. **12**