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BTECH
THEORY EXAMINATION (SEM–II) 2016-17
ENERGY, ENVIRONMENT & ECOLOGY

Time : 3 Hours**Max. Marks : 100****Note :** Be precise in your answer. In case of numerical problem assume data wherever not provided.

SECTION A

1 Attempt All Questions**2X10= 20**

- a) What do you mean by Natural resources?
- b) What do you mean by Green house gas?
- c) Define Eutrophication?
- d) What is Ozone layer?
- e) Define Engineering materials?
- f) What do you know about Pollutants?
- g) What do you mean by Endemism?
- h) Give the examples of Endemism
- i) Define Mulching
- j) How do you classify Natural resources?

SECTION B

2 Attempt any Five Questions**10X5= 50**

- a) Describe briefly the Effects of Deforestations..
- b) Describe the concept of Solid Waste management?
- c) Explain the Incineration and Combustion Method briefly.
- d) Explain the different components with their functions for Ecosystem and ecology conservations?
- e) What are the Ecological Pyramids explain briefly.
- f) Define Global warming? Discuss its effect and remedial features
- g) What do you mean by Green house effect explain briefly?
- h) Describe briefly the measures taken for the remedy to conserve Forest health.

SECTION C

Attempt any Two Questions**15X2= 30**

3. Discuss Nuclear energy with its advantages and disadvantages.
4. How do we get Electricity from Fossil Fuels? Explain the impact of fossil fuels on environment
5. Discuss the Salient features of Wildlife Protection act in brief.