

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**

- What do you mean by Natural resources?
- What do you mean by Green house gas?
- Define Eutrophication?
- What is Ozone layer?
- Define Engineering materials?
- What do you know about Pollutants?
- What do you mean by Endemism?
- Give the examples of Endemism
- Define Mulching
- How do you classify Natural resources?

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

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

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

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