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FIRST SEMESTER  
SUPPLEMENTARY EXAMINATION

- 162 -

Roll No: \_\_\_\_\_

B. Tech.  
FEB - 2019

FEC-7 INTRODUCTION TO ENVIRONMENTAL SCIENCES 50

Duration: 2 Hours

Maximum Marks: 40

Note: Answer ALL questions. All questions carry equal marks.  
Assume suitable missing data, if any.

Q.1. Answer ALL the following questions:

- a. Define pollution and enlist any five – water pollutants.
- b. Write a note on rainwater harvesting.
- c. Enlist five institutions and five people engaged in Environmental Protection.
- d. What is global warming? Enlist five greenhouse gases (GHGs).
- e. Discuss the role of public awareness in environmental pollution.

Q.2. Attempt any TWO questions out of the following:

- a. Track the resources, waste products, disposal, and pollutants generated throughout the lifecycle of a laptop.
- b. Write a note on causes, effects and control measures for air pollutant - Ozone.
- c. Discuss sources of energy and how to reduce their use?

Q.3. Attempt any TWO questions out of the following:

- a. Discuss the effects of over-utilization and pollution of hydrosphere.
- b. Write notes on Ozone-layer depletion and Ozone Hole.
- c. Discuss the causes of destruction of ecosystems.

Q.4. Attempt any TWO questions out of the following:

- a. Discuss the role of renewable sources of energy.
- b. Discuss the effects of air pollution on plants and animals.
- c. Explain
  - i. Thermal Pollution
  - ii. Marine Pollution

Q.5. Attempt any TWO questions out of the following:

- a. Discuss the functions of forest in the environment.
- b. Discuss role of disaster management in environmental protection.
- c. Discuss the problem associated with the use of chemical fertilizers.