

Paper Id:

199311

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BTECH
(SEM-III) THEORY EXAMINATION 2019-20
ENVIRONMENT & ECOLOGY

Time: 3 Hours**Total Marks: 70****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief** **2x7= 14**

- a) Define BOD & COD.
- b) Write short note on BLUE BABY SYNDROME.
- c) What is biological magnification?
- d) What is the difference between nuclear fission & nuclear fusion?
- e) Write short note on MINA MATA disease.
- f) What is fluorosis?
- g) Define Ecology & Ecosystem.

SECTION B**2. Attempt any three of the following:** **7 x 3 = 21**

- a) What are the major cause & effect of ozone layer depletion?
- b) Describe the carbon & nitrogen cycle with suitable diagram?
- c) Describe the structure of Ecosystem with suitable flow chart?
- d) Describe the impact of industrialization on environment.
- e) What is the major impact of Mining?

SECTION C**3. Attempt any one part of the following:** **7 x 1 = 7**

- (a) Explain the process of EIA with suitable flow chart.
- (b) Explain the important features of environmental (protection) act 1986.

4. Attempt any one part of the following: **7 x 1 = 7**

- (a). Discuss the sources, effect and control of water pollution?
- (b). Explain the salient features of water (Prevention and Control Of pollution) Act-1974?

5. Attempt any one part of the following: **7 x 1 = 7**

- (a) Discuss the sources, effect and control of Air pollution.
- (b) Explain the important features of Forest (conservation) Act 1980.

6. Attempt any one part of the following: **7 x 1 = 7**

- (a) Explain sources, effect and control of noise pollution.
- (b) Discuss the role NGO in environmental protection.

7. Attempt any one part of the following: **7 x 1 = 7**

- (a) Explain the sources, management and disposal of solid waste.
- (b) Discuss fluoride problem of drinking water.