

B.Tech I Year I Semester (R15) Supplementary Examinations June/July 2019

**ENVIRONMENTAL STUDIES**

(Common to EEE, ME, EIE, IT &amp; FT)

Time: 3 hours

Max. Marks: 70

**PART – A**  
(Compulsory Question)

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1 Answer the following: (10 X 02 = 20 Marks)

- (a) List the natural resources.
- (b) What is water lagging?
- (c) Define forest ecosystem.
- (d) Draw a sketch of food chain.
- (e) What is ecosystem diversity?
- (f) List the threats to biodiversity.
- (g) Name the air pollutants.
- (h) Define noise pollution.
- (i) Define disaster management.
- (j) Define watershed management.

**PART – B**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

2 Discuss in detail the need for public awareness regarding environmental studies.

**OR**

3 Explain the environmental problems of mining.

**UNIT – II**

4 Describe grassland ecosystem and desert ecosystem.

**OR**

5 Explain with neat sketches:

- (a) Food webs.
- (b) Food pyramid.

**UNIT – III**

6 Discuss the various sources of noise pollution.

**OR**

7 Write short notes on:

- (a) Disaster management.
- (b) Floods.
- (c) Cyclones.
- (d) Landslides.

**UNIT – IV**

8 Define acid rain with a neat sketch explain the formation of acid rain.

**OR**

9 Describe:

- (a) Wild life protection act.
- (b) Environment protection act.

**UNIT – V**

10 Define the terms: (i) Population growth. (ii) Population growth rate. (iii) Population density. (iv) Population pyramids. (v) Population ageing.

**OR**

11 Briefly explain:

- (a) Women education.
- (b) Human rights.