

Roll No. ....

Exam Code : J-21

Subject Code—7306

**B. Tech. EXAMINATION**

(Common for all Streams)

(Batch 2018 Onwards)

(Third Semester)

ENVIRONMENTAL SCIENCE

MC102-T

*Time : 3 Hours*

*Maximum Marks : 70*

**Note :** Attempt *Five* questions in all. Q. No. **1** is compulsory. All questions carry equal marks.

**1.** Define the following : **7×2=14**

- (a) Food Web
- (b) Ecological Succession
- (c) Biodiversity
- (d) Soil Salinity

- (e) Pollution
- (f) Thermal Pollution
- (g) Water Harvesting.

### **Unit I**

2. Define Ecosystem. Discuss structure and function of aquatic ecosystem. **14**
3. Define hot spot of biodiversity. Explain hot spots of India in detail. **14**

### **Unit II**

4. What is Land Degradation ? Explain various factors in detail with examples which cause land degradation. **14**
5. Write notes on the following : **7×2=14**
  - (a) Renewable and Non-Renewable Energy Sources
  - (b) Use and overexploitation of forest resources.

### **Unit III**

6. Write short notes on the following : **7×2=14**
  - (a) Salient features of WPA, 1972
  - (b) Green House Effect.
7. What is Disaster Management ? Explain in detail management of floods in India. **14**

### **Unit IV**

8. Write short notes on the following : **7×2=14**
  - (a) Sustainable Development
  - (b) Value Education.
9. Explain the role of Information Technology in environment and human health with case study. **14**