CE/EC/EEE/ME 116 (R-22)

Total No. of Questions : 10] [Total No.of Pages : 02

I/IV B. Tech. DEGREE EXAMINATIONS, MARCH - 2023

First Semester

CE / EC / EEE / ME

ENVIRONMENTAL SCIENCE

Time : **Three Hours** Maximum : **70** Marks

Answer All Questions

Answer ONE question from each Unit. 5x14=70 M

UNIT - I

1. a) Explain about utilizationof surface and ground water ? What are the technologies involved ?

   b) Describe about world food problems and challenges ?

(OR)

2. a) Explain the following :

   (i) Modern agriculture.

   (ii) Mineral resources.

   b) Explain about deforestation impact on rural India's and their problems.

UNIT - II

3. What is Ecological Succession ? Explain it with Ecological Types and its characteristics ?

(OR)

4. Explain about biodiversity and it's conservation at global and local levels ?

UNIT - III

5. Explain the following with examples.

   a) Effects of Environmental Pollutions.

   b) Prevention of Pollution.

   c) Measures of Pollution.

(OR)

P.T.O.

6. Explain in detail about disaster managements and its causes and effects in India.

UNIT - IV

7. Explain about watershed management and its resettlement.

(OR)

8. Explain the following :
   a) Air act.
   b) Water Act.
   c) Climate change.

UNIT - V

9. Explain, what is the role of information technology in environment and impact on Human health.

(OR)

10. What are the environmental assets ? Explain it's in real time uses for human beings.