

3RD SEM. / COMMON ./ 2024(W)

TH5 Environmental Studies

Full Marks: 80

Time- 3 Hrs

**Answer any five Questions including Q No.1& 2
Figures in the right-hand margin indicates marks.**

1. Answer **All** questions. 2 x 10
 - a. Define ecosystem.
 - b. What do you mean by option values?
 - c. What is noise pollution?
 - d. What do you mean by sustainable development?
 - e. What is population explosion?
 - f. Define non-renewable natural resources with a suitable example.
 - g. Define food chain.
 - h. What are genetics and species?
 - i. What do you mean by water salinity?
 - j. What is soil erosion?

2. Answer **Any Six** Questions 5 x 6
 - a. Explain in brief man-wildlife conflicts.
 - b. Explain some measures of controlling thermal pollution.
 - c. Write down a short note on changes caused by agriculture.
 - d. What is the need of public awareness for the environment?
 - e. Define and explain food web with suitable examples.
 - f. Explain pond ecosystem.
 - g. Explain the effects of construction of dams on tribal people.

Answer **Any Three** Questions

3. (a) What is air pollution? What are the various sources of air pollution? 5
(b) Explain the effects of extraction of minerals on the environment. 5

4. (a) Define and explain rainwater harvesting. 5
(b) Write down a short note on ozone layer depletion. 5

5. (a) Explain the need and benefits of family welfare program. 5
(b) What are human rights? 5

6. (a) Explain the role of individual in prevention of pollution. 5
(b) Explain flood disaster management. 5

7. (a) Explain energy flow in an ecosystem. 5
(b) Explain the need and use of alternative energy sources. 5