AM/CS/CYS/DS 126 (R-22)

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

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

Second Semester

AM / CS / CYS / DS

ENVIRONMENTAL SCIENCE

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

Answer All Questions

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

UNIT - I

1. What are the major causes for conflicts over water sharing ? Discuss one international and one inter-state water conflict.

(OR)

2. a) What are the major causes and consequences of deforestation ?

   b) Discuss the structure and functions of biogas plants.

UNIT - II

3. a) What are biogeochemical cycles ? Explain with the help of a diagram the nitrogen cycle.

   b) Explain in detail the process of ecological succession with the help of an example.

(OR)

4. a) Comment up on Indian biodiversity with special reference as a mega diversity nation.

   b) Write a short note on threats to biodiversity.

UNIT - III

5. a) Enumerate the various methods for control of air pollution.

   b) Give an account of noise generated during diwali. What would you suggest to reduce this menace ?

(OR)

P.T.O.

6. How can you as an individual, prevent environmental pollution ? Why such an effort at individual level is important ?

UNIT - IV

7. a) What is EIS ? Write about its importance.

   b) State the importance of public participation in environmental decision making.

(OR)

8. Briefly explain about the following :

   a) Environmental Risk Assessment.

   b) Wild Life Protection Act.

UNIT - V

9. a) What do you understand by sustainable growth ? Explain when can it be achieved.

   b) Write a brief note on population explosion.

(OR)

10. With the help of an example give a detailed report covering the environmental aspects on any industrial area nearer to your area.