

This question paper contains 3 printed pages.]

5101

Your Roll No.

B.Sc. Prog. / I

B

Paper ES-111 – ENVIRONMENTAL STUDIES

Time : 3 Hours

Maximum Marks : 50

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt five questions in all.

Question No. 1 is compulsory.

1. (a) Define the following : (any five) 5

1. Erosion
2. Eutrophication
3. Biological Oxygen Demand
4. Aquifers
5. Crop rotation
6. Hot spots

[P.T.O.]

- (b) Write one line answer/ fill in the blank. 5
1. When is World Environment Day celebrated ?
 2. Minamata disease is due to what kind of pollution ?
 3. Which chemical is used for making plastics ?
 4. What do you understand by Keystone species?
 5. Organic agriculture is a technique that
2. (a) Discuss the causes and effects of Global warming. 5
- (b) What is green house effect ? What are its future implications ? 5
3. (a) Distinguish between *Ex situ* conservation and *in situ* conservation. Give examples. 7
- (b) Write a brief note on the significance of forest vegetation. 3
4. (a) Write a note on air pollution and its causal agents. 7

- (b) Discuss the role of plants in minimising the pollution in environment. 3
5. Enumerate the chemicals that cause soil pollution. Discuss bio remediation in light of decontamination of polluted soils. 10
6. Describe briefly the following : 10
- (a) Deforestation and its effect on environment
 - (b) Genetic bio diversity