

Roll No.

Exam Code : J-21

Subject Code—51618

B.C.A. EXAMINATION

(Batch 2020 Onwards)

(First Semester)

ENVIRONMENTAL STUDIES

BCA-PC(L)-111

Time : 3 Hours

Maximum Marks : 70

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

1. Write short notes on the following : **7×2=14**

- (i) Energy transferred in an ecosystem.
- (ii) Ecological Niche.
- (iii) Biosphere Reserve.
- (iv) Over utilization of ground water.

- (v) Ozone depletion.
- (vi) Montreal Protocol.
- (vii) Environment ethics.

Unit I

2. What do you mean by food chain and food web ? Discuss energy transfer in a food chain. **14**
3. Why Bio-diversity is important ? Explain its various types in detail. **14**

Unit II

4. What do you mean by natural resources ? Discuss the impacts of overexploitation of natural resources. **14**
5. Discuss various surface and ground water resources. Also discuss the factors responsible for their degradation. **14**

Unit III

6. Give a brief account of various water pollutants. Discuss the various control measures of water pollutants. **14**
7. What do you mean by acid rain ? Discuss the various gases responsible for acid rain. Also discuss the impacts of acid rain. **14**

Unit IV

8. Why water conservation is important ? Write a brief note on rain water harvesting. **14**
9. Why is Environmental Education important for each and every one ? Explain the methods of public awareness regarding environment. **14**