



DBY-003-1182003

Seat No. _____

M. Sc. (Zoology) (Sem. II) (CBCS)

(W.E.F. 2016) Examination

July - 2022

ZOOL-209 : Environmental Science

Faculty Code : 003

Subject Code : 1182003

Time : $2\frac{1}{2}$ Hours]

[Total Marks : **70**

1 Answer the following very briefly (any Seven) **2×7=14**

- (a) What is difference between environment science and ecology ?
- (b) What are the scopes in ecology ?
- (c) What are the sources of Pollution ?
- (d) What is Public hearing in EIA ?
- (e) What are the applications of Remote sensing ?
- (f) What are the causes of Acid rain ?
- (g) Define biotic component with examples.
- (h) What is biosphere ?
- (i) Give reasons for Soil pollution .
- (j) Define Windroses.

2 Answer the following : (any Two) **7×2=14**

- (a) Give detailed note on composition of atmosphere.
- (b) Describe the difference between Food chain and Food web.
- (c) Describe the Aims and Objectives of the EIA.

3 Answer the following : **7×2=14**

- (a) Describe the various scales of Meteorology.
- (b) How many kinds of ecological pyramids ?
Give significance of each.

OR

- (a) Describe the air-quality standards.
- (b) Describe the EIA process.

4 Answer the following : **7×2=14**

- (a) Describe the Soil pollution and Their controls.
- (b) Write note on Natural and Anthropogenic source of Pollution.

5 Answer the following : (Any Two) **7×2=14**

- (a) Describe the atmospheric stability.
- (b) Give detailed note on Predator-Prey relationships.
- (c) Describe the organic and inorganic component of soil.
- (d) Write a note on the applications of remote sensing.
