



DBY-003-1142003

Seat No. _____

M. Sc. (Botany) (Sem. II) (CBCS) Examination

July - 2022

BOT-209 : Environmental Science

Faculty Code : 003

Subject Code : 1142003

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

[Total Marks : 70

1 Answer the following : (Any Seven) 2×7=14

- (a) What are the key stone species ?
- (b) Define Acid rain.
- (c) What is tropical efficiency ?
- (d) Discuss Montreal protocol.
- (e) What is network method ?
- (f) Exemplify trophic levels ?
- (g) What is the aim of EIA ?
- (h) What is bioenergetics approach ?
- (i) Describe mutualism.
- (j) What is biomagnification ?

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

- (a) Discuss the methodologies used for EIA.
- (b) Write a short note on remote sensing.
- (c) Give a brief account on EMP of solid waste.

3 Answer the following : 2×7=14

- (a) Describe global warming and Ozone depletion.
- (b) Name different air pollutants with their harmful effects.

OR

- (a) Write a short note on land pollution.
- (b) Give a brief account on waste water treatment.

4 Answer the following : **2×7=14**

(a) Discuss hydrosphere.

(b) Write a short note on history of national park development.

5 Write a short note on any **two** : **2×7=14**

(a) Ecological succession.

(b) Biosphere

(c) Environmental factors.

(d) Food chain and Food web.
