



PAS-003-1182003

Seat No. _____

M. Sc. (Zoology) (Sem. II) (CBCS) (W.E.F.2016)

Examination

August - 2020

ZOO-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 the scope of Environmental Science?
- (b) Define Ecosystem.
- (c) Describe biotic factor of aquatic ecosystem.
- (d) Define Atmospheric stability.
- (e) What is BGCI?
- (f) Write the name of different process used for wastewater treatment.
- (g) Explain Kyoto protocol.
- (h) Define EIA.
- (i) What is eutrophication?
- (j) What is trophic efficiency?

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

- (a) What is Ecological succession?
- (b) Give a brief account on sources of water pollutants.
- (c) Write a tabular account on an example of EIA procedure.

3 Answer the following : 7×2=14

- (a) Describe acid rain.
- (b) How energy flows through ecosystem? Explain.

OR

- (a) Describe structure and composition of atmosphere.
- (b) Describe Geographical Classification.

4 Answer the following : **7×2=14**

- (a) Explain adaptive mechanism used by animals in desert condition.
- (b) Describe ozone depletion.

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

- (a) Briefly describe the remote sensing applications of SONAR
 - (b) Give a detailed account on soil pollutants and its effects.
 - (c) Explain Population ecology in detail.
 - (d) Describe types of community interaction in detail.
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