

Roll No.

BBA-507(N)

**B. B. A. (Fifth Semester)
EXAMINATION, Dec., 2019**

(New Course)

Paper Seventh

ENVIRONMENTAL SCIENCE

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt questions from all Sections as directed.

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

Section—A

(Short Answer Type Questions)

Note : All questions are compulsory. Each question carries 3 marks.

1. (A) Write a short note on BIOME.
- (B) Differentiate Grazing vs. Detritus food chain.
- (C) Write a short note on Sustainability and Climate change.
- (D) Consequences of rapid increase of green house gases.
- (E) What do you understand by 'Air Quality Index' ?

(C-43) P. T. O.

[2]

BBA-507(N)

- (F) Write the objectives of Wildlife Protection Act, 1972.
- (G) Biomedical waste management.
- (H) Write a short note on 'Hydrological Cycle'.
- (I) Differentiate Lentic and Lotic ecosystem.
- (J) Differentiate Biomass and Biogas.

Section—B

(Long Answer Type Questions)

Note : Attempt any *two* questions. Each question carries 10 marks.

- 2. "Unawa" reness or ignorance with protection of environment will lead to detrimental consequences." Comment with illustration.
- 3. What is an ecosystem ? Classify ecosystems on the basis of energy sources.
- 4. What are Biogeochemical cycles ? Describe the nitrogen cycle with the help of a neat sketch.
- 5. What are the various methods through which biodiversity can be conserved ? Discuss in detail.

Section—C

(Long Answer Type Questions)

Note : Attempt any *two* questions. Each question carries 10 marks.

- 6. Define air pollution. Explain primary and secondary air pollutants along with relevant examples.
- 7. How is global warming leading to climate change ? Discuss its impact on India.

[3]

- 8. Discuss the concept of solid waste management. Explain various concerns in context of :
 - (i) Generation of waste, its and sources
 - (ii) Waste minimisation
 - (iii) Recycling and reuse
 - (iv) Treatment and expense
- 9. What is meant by Acid Rain ? How does it form ? In which regions of India acid rain has been recorded ?