

Roll No.

BBA-507(N)

**B. B. A. (Fifth Semester)
EXAMINATION, Dec., 2017**

(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) What do you understand by 'Biosphere' ?
- (B) Differentiate Autotrophs and Heterotrophs.
- (C) Write *three* basic types of freshwater ecosystems.
- (D) Define Ecological Succession.
- (E) What do you mean by water-logging ?
- (F) Differentiate Biomass and Bio-gas.

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- (G) What do you understand by groundwater pollution ?
- (H) Write on Transportation/Traffic noise.
- (I) What do you mean by Acid Rain ?
- (J) Functions of the State Pollution Control Board.

Section—B

(Long Answer Type Questions)

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

- 2. What is an Environment ? Enumerate and discuss the various segments of environment in brief.
- 3. What do you mean by Terrestrial Ecosystem. Discuss its types, abiotic components and biotic components with suitable examples.
- 4. Write short notes on the following :
 - (i) Nitrogen cycle
 - (ii) Major causes and consequences of deforestation
- 5. What are the major sources of soil pollution ? How does soil pollution affect soil productivity ? What measures can be taken to prevent soil pollution ?

Section—C

(Long Answer Type Questions)

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

- 6. Write short notes on the following :
 - (i) Food Chain and Food Web
 - (ii) Ecological Succession

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- 7. What are greenhouse gases and green-house effect ? Discuss the potential and contribution of these gases to global warming phenomenon.
- 8. "Environment education can play an important role in Environment Protection." Comment on this statement.
- 9. Differentiate genetic and species biodiversity. Discuss Hotspot of biodiversity of India in various regions.

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