

Roll No.

[2]

BBA-507(N)

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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.

- (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. <http://csjmuonline.com>
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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