

Paper Id: **150505**Roll No:

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B PHARM
(SEM V) THEORY EXAMINATION 2019-20
ENVIRONMENT AND ECOLOGY

Time: 3 Hours**Total Marks: 70****Notes:**

- Attempt all Sections.
- Assume any missing data.

SECTION A**1. Attempt all questions in brief. 2 x 7 = 14**

a.	Name different Trophic levels in environment.
b.	Define food chain and food web.
c.	How can the pollutant be classified?
d.	What is an Ecological pyramid?
e.	Describe the types of grassland found in India.
f.	What are Phytoplanktons?
g.	What is soil pollution?

SECTION B**2. Attempt any three of the following: 7 x 3 = 21**

a.	Define environmental studies. State its importance and scope.
b.	What is an ecosystem? Briefly describe its concept.
c.	What are environmental pollutants and pollution?
d.	Write a note on environmental protection act, 1986.
e.	What is biomedical waste? Describe the measurements performed under this act.

SECTION C**3. Attempt any one part of the following: 7 x 1 = 7**

(a)	What are natural resources? How can they be classified?
(b)	Describe the importance of forest in environment. What are the causes and effects of deforestation?

4. Attempt any one part of the following: 7 x 1 = 7

(a)	Explain the interrelation of producers, consumers and decomposers in an ecosystem.
(b)	What is an ecological pyramid? Explain their types.

5. Attempt any one part of the following: 7 x 1 = 7

(a)	Describe the sources of soil pollution.
(b)	Write notes on recycling of solid waste.

6. Attempt any one part of the following: 7 x 1 = 7

(a)	Highlight on Water act 1974.
(b)	State the prevention and control of air pollution taken under Air Pollution Act 1987

7. Attempt any one part of the following: 7 x 1 = 7

(a)	Write a note on Hazardous Chemicals Act.
(b)	What are the provisions applicable to Drugs and Cosmetics act?