Sub Code: BOP355

Paper Id: 150520 Roll No:

B. PHARM.

(SEM-V) THEORY EXAMINATION 2019-20

ENVIRONMENT AND ECOLOGY

Time: 3 Hours *Total Marks: 100*

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 10 = 20

a.	What is Solar energy?
b.	What is the main objective of environmental education?
c.	State two effects of overgrazing.
d.	What are non-renewable sources of energy?
e.	What was *Chipko andolan*?
f.	What is forest?
g.	State the difference between lentic and lotic aquatic ecosystem
h.	Name the effects due to depletion of ozone layer.
i.	Give the fullform of BOD.
j.	Write a note on vermiculture.

SECTION B

2. Attempt any *three* of the following: 10x3=30

a.	What is environment? Describe its various components and their interrelationship.
b.	Explain the structural and functional concept of an ecosystem with the help of a diagram.
c.	How is environment polluted? Name the various air pollutants and their effects.
d.	Write a note on thermal pollution.
e.	State the provision of environment protection act 1986

SECTION C

3. Attempt any *one* part of the following: 10x1=10

a.	Describe the main objectives of environmental studies.
b.	What are the causes of deforestation and its ill effects?

4. Attempt any *one* part of the following: 10x1=10

a.	Define ecological succession. State their type and describes an ecological succession in a newly formed pond or lake.
b.	What are food chains and food webs? Describe their types along with examples in each case.

5. Attempt any *one* part of the following: 10x1=10

a.	What is water pollution? Describe its sources and consequences.
b.	Describe sources of solid waste. Write notes on: composting and vermicomposting.

6. Attempt any *one* part of the following: 10x1=10

a.	What is soil pollution? Explain in detail.
b.	Write a note on nuclear pollution and its effeet.

7. Attempt any *one* part of the following: 10x1=10

a.	Write a note on water prevention and control of pollution aet 1974.
b.	Emphasize on provisions applicable to drugs and cosmetic aet.

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