Printed Pages: 01 **Sub Code: BOP355**

Paper Id: 150520 **Roll No.** | | | | | | | | | | |

B. PHARM.
(SEM V) THEORY EXAMINATION 2018-19
ENVIRONMENT & ECOLOGY

Time: 3 Hours ***Total Marks: 100***

Note: Attempt all Sections.

SECTION A

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

a. Differentiate between Renewable and Non-renewable natural resources.
b. What is Water logging?
c. Write the name of Greenhouse gases.
d. Define the Biodiversity.
e. What is Acid rain?
f. What is the unit of measurement for Noise?
g. Define the term 'Air pollutant'.
h. Define the term 'Sewage effluent'.
i. Define the term 'Hazardous substance'.
j. Define the term 'Biotechnology'.

SECTION B

2. Attempt any *three* of the following: 10 x 3 = 30

a. Write a detail note on Land resource.
b. Write a detail note on Forest ecosystem.
c. Write a detail note on Thermal pollution.
d. Discuss the objectives, powers of board, offences and penalties under Air (Prevention and control of pollution) act- 1987.
e. Write a detail note on Hazardous Microorganisms Act.

SECTION C

3. Attempt any *one* part of the following: 10 x 1 = 10

(a) Discuss the Mineral resource.
(b) Write a detail note on definition, scope and importance of Environme studies.

4. Attempt any *one* part of the following: 10 x 1 = 10

(a) Describe the components of an Ecosystem.
(b) Write a detail note on Pond ecosystem.

5. Attempt any *one* part of the following: 10 x 1 = 10

(a) Write the introduction, causes and control measures of Air pollution.
(b) Write the introduction, causes and control measures of Soil pollution.

6. Attempt any *one* part of the following: 10 x 1 = 10

(a) Write a note on objectives, powers of board, offences and penalty under Water (Prevention and control of pollution) act- 1974.
(b) Write a note on constitution of state board under Air Act.

7. Attempt any *one* part of the following: 10 x 1 = 10

(a) Write a detail note on Hazardous Wastes Act.
(b) Discuss in detail about the provisions applicable to Drugs and cosmetic act.

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