

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 Environmental 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.