

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. Define the Environment.
 - b. What is Ground water?
 - c. What is the importance of Carbon cycle?
 - d. Why are Detritivores and Decomposers important to an ecosystem?
 - e. How air quality affects the human health?
 - f. What are the various sources of Noise?
 - g. Define the term 'Trade effluent'.
 - h. Define the term 'Stream' given under Water act.
 - i. Define the term 'Micro organisms'.
 - j. Define the term 'Manufacturer'.

SECTION B

- 2. Attempt any *three* of the following: **10 x 3 = 30****
- a. Write a note on Energy resource.
 - b. Write a detail note on Pond ecosystem.
 - c. Write a detail note on Water pollution.
 - d. Write a note on constitution of Central board under Water Act.
 - e. Write a detail note on Hazardous Microorganisms Act.

SECTION C

- 3. Attempt any *one* part of the following: **10 x 1 = 10****
- (a) Write a detail note on Food 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) Write a note on: i) Types of Ecosystem; ii) Food chain and Food web.
 - (b) Write a note on Forest ecosystem.
- 5. Attempt any *one* part of the following: **10 x 1 = 10****
- (a) Write the introduction, causes and control measures of Thermal pollution.
 - (b) Write the introduction, causes and control measures of Nuclear pollution.

6. Attempt any *one* part of the following:

10 x 1 = 10

- (a) What are the objectives and powers of state board under Water (prevention and Control of Pollution) Act-1974?
- (b) Write a note on objectives, powers of board, offences and penalty under Air (Prevention and control of pollution) act-1987.

7. Attempt any *one* part of the following:

10 x 1 = 10

- (a) Write a detail note on Hazardous Wastes Act.
- (b) Write a detail note on Biomedical Waste Act.