

BACHELOR OF SCIENCE (CBCS-2018 COURSE)
T. Y. B. Sc. Sem-VI :SUMMER- 2022
SUBJECT : BOTANY : ENVIRONMENTAL BOTANY

Day : Thursday
Date : 7/7/2022

S-18480-2022

Time : 11:00 AM-02:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
 - 3) Draw neat and labeled diagram wherever necessary.
-

- Q.1** Attempt **ANY TWO** of the following : **(12)**
- a) Describe functional aspects of ecosystem.
 - b) Explain non-conventional energy sources.
 - c) Write note on endemism.
- Q.2** Attempt **ANY TWO** of the following : **(12)**
- a) Comment on-nutrient cycling is essential to run the ecosystem.
 - b) Define community and give their characteristics.
 - c) Describe methods of soil conservation.
- Q.3** Attempt **ANY TWO** of the following : **(12)**
- a) Give the role of human in maintaining biogeochemical cycle.
 - b) What is homeostasis? Explain.
 - c) Briefly write on green-house effect and acid rain formation.
- Q.4** Attempt **ANY THREE** of the following : **(12)**
- a) Describe global warming and ozone depletion.
 - b) Explain a brief account of environmental toxicology.
 - c) Give short account of vegetation of India.
 - d) Explain diversity of aquatic ecosystem.
- Q.5** Attempt **ANY FOUR** of the following : **(12)**
- a) Explain types of biotic interactions with environment.
 - b) Give the atmosphere general account.
 - c) Describe man made ecosystem.
 - d) Give inter-relationship between the living world and environment.
 - e) Explain hydrologic cycle in ecosystem.
 - f) Describe fire as an ecological factor.
