

T.Y.B.SC. SEM – VI (2014 Course) : SUMMER - 2019
SUBJECT: BOTANY: ENVIRONMENTAL BOTANY

Day: Friday
Date: 12/04/2019

Time: 03.00 PM To 05.00 PM
Max. Marks: 40

S-2019-1033

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagram **WHEREVER** necessary.

Q.1 Attempt **ANY TWO** of the following: **(10)**

- a) Explain diversity of aquatic ecosystem.
- b) Describe communities of their characteristics.
- c) Give short account of vegetation of India in Phytogeography.

Q.2 Attempt **ANY TWO** of the following: **(10)**

- a) Explain types of biotic interactions in environment.
- b) Describe static and dynamic plant geography.
- c) Explain types of biotic interaction in environment.

Q.3 Attempt **ANY TWO** of the following: **(10)**

- a) Describe man made ecosystem in diversity of ecosystem.
- b) Give role of human in maintaining biogeochemical cycle in ecosystem.
- c) Describe inter relationship between the living world and environment in environmental biology.

Q.4 Attempt **ANY FIVE** of the following: **(10)**

- a) What are biological Indicators?
- b) Describe pyramid of energy.
- c) What is homeostasis?
- d) Explain endemism in phytogeography.
- e) Write in brief population growth.
- f) Give examples of terrestrial ecosystem.
- g) What is ecological succession?