

**T.Y.B.SC. SEM – VI (CBCS - 2016 Course) : SUMMER - 2019**

**SUBJECT : BOTANY: ENVIRONMENTAL BOTANY**

Day : Friday  
Date : 12/04/2019

**S-2019-0907**

Time : 03.00 P.M. To 06.00 P.M  
Max. Marks : 60

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**N. B. :**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labelled diagram **WHEREVER** necessary.
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**Q. 1** Attempt **ANY TWO** of the following: (12)

- a) Describe structure and function ecosystem.
- b) Explain hydrologic cycle with suitable example.
- c) Explain in short homeostasis.

**Q. 2** Attempt **ANY TWO** of the following: (12)

- a) What is endemism? Explain.
- b) Give an account of renewable resources.
- c) Write in short air and water pollution.

**Q. 3** Attempt **ANY TWO** of the following: (12)

- a) Describe process of biodiversity conservation.
- b) What is concept of bio-indicators? Explain with suitable example.
- c) What is Global warming? Explain.

**Q. 4** Attempt **ANY THREE** of the following: (12)

- a) Write in short aquatic ecosystem.
- b) Explain any two non-renewable energy sources.
- c) What is endangered species? Explain with suitable example.
- d) Explain biotic components of environment.
- e) Explain any one gaseous cycle.

**Q. 5** Attempt **ANY FOUR** of the following: (12)

- a) Explain transfer of energy in grazing ecosystem.
- b) What is biogeochemical cycle? Explain.
- c) Explain fire as an ecological factor.
- d) Write in short man made ecosystem.
- e) Explain scope of environmental Botany.
- f) Define Phytogeography.

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