K25U 0115

Reg. No. : .....

Name : .....

Sixth Semester B.Sc. Degree (C.B.C.S.S. – OBE-Regular/Supplementary/ Improvement) Examination, April 2025
(2019 to 2022 Admissions)
CORE COURSE IN BOTANY/PLANT SCIENCE
6B10BOT/PLS : Environmental Science and Phytogeography

Time : 3 Hours Max. Marks : 40

SECTION – A
(Objective Type Questions)

Answer **all**. **(4×1=4)**

1. Study of interaction between biotic organism and abiotic environment is termed
   a) Community b) Population c) Ecology d) Ecosystem
2. First community in plant succession is called
   a) Seral community b) Pioneer community
   c) Climax community d) Ecosere
3. Grass land with scattered trees are called
   a) Deciduous forest b) Savannah
   c) Rain forest d) Evergreen forest
4. In a biotic community, primary consumers are
   a) Omnivores b) Carnivores
   c) Detrivores d) Herbivores

SECTION – B
(Short Essay Questions)

Answer **any eight**. **(8×2=16)**

5. Comment on watershed management.
6. Write short note on Silvi culture.
7. What are biosphere reserves ?

P.T.O.

SIR SYED COLLEGE CENTRAL LIBRARY KANNUR UNIVERSITY

8. Mention about the major vegetation types of India.
9. What is continental drift ?
10. What are endangered species ?
11. Differentiate between mutualism and commensalism.
12. What is quadrat method ?
13. What is a climax community ?
14. Mention food web and its significance.
15. Write down the effects of global warming.
16. What is autecology ?

SECTION – C
(Essay Questions)

Answer **any four**. **(4×3=12)**

17. Briefly mention about biogeochemical cycle of phosphorous.
18. What is ecotone and edge effect ?
19. Differentiate between primary and secondary productivity.
20. What are sacred groves ? Write down its ecological significance.
21. Write down the morphological and anatomical adaptation of epiphytes.
22. What are topographic factors ?

SECTION – D
(Long Essay Questions)

Answer **any one**. **(1×8=8)**

23. Write down the causes, effects and control measures of water pollution.
24. What are solid wastes ? Describe various methods used for solid waste management.
25. What are the major factors influencing an ecosystem.

———————

SIR SYED COLLEGE
CENTRAL LIBRARY
UNIVERSITY