



K24U 2936

Reg. No. :

Name :

V Semester B.A./B.A. Afsal-UI-Ulama/B.Sc./B.Com./B.T.T.M./
B.B.A./B.B.A.-T.T.M./B.B.A.-A.H./B.C.A./B.S.W./B.M.M.C. Degree
(CBCSS – OBE-Regular/Supplementary/Improvement)

Examination, November 2024

(2019 to 2022 Admissions)

GENERIC ELECTIVE COURSE

5D02 BOT : Botany for the Beginners

Time : 2 Hours

Max. Marks : 20

PART – A

Answer **all**. Each question carries 1 mark.

(6×1=6)

1. What is taxonomy ?
2. Define phyllotaxy.
3. What is meant by "Adaptive Radiation" ?
4. Name the pigment responsible for photosynthesis in plants.
5. Define mutualism with an example.
6. What is vegetative propagation ?

PART – B

Answer **any four**. Each question carries 2 marks.

(4×2=8)

7. What are the different levels of biological classification ?
8. Explain the different types of root systems found in angiosperms.
9. Describe the significance of fossils in understanding evolution.
10. What are the roles of insects in pollination ?
11. Differentiate between monocots and dicots with examples.
12. Discuss the relationship between plants and herbivores.

PART – C

Answer **any one**. It carries 6 marks.

(1×6=6)

13. Explain the key processes that lead to the origin of new species.
14. Discuss the different types of plant-animal interactions with examples.