

First Semester FYUGP Degree Supplementary Examination
January 2025
KU1MDCBOT102 - BOTANY FOR THE BEGINNERS
2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. Describe the structure of viruses.
2. List out the main organs of a typical Angiosperms plant
3. Define mixed inflorescence and give an example.
4. What is zoochory? Provide an example.
5. What are medicinal plants? Give an example.
6. Give any two examples for Plant derived drugs
7. What are fertilizers?
8. List any two importance of biodiversity conservation.

Section B

Answer any 4 questions. Each carry 6 marks.

9. Explain the significance of the five-kingdom classification in modern biology.
10. Explain briefly the differences between seed and fruit? Describe how they are developed from a flower.
11. Analyse the inflorescences of crotalaria and Ocimum.
12. Explain the role of animals in pollination and seed dispersal.
13. In what innovative ways can plant breeding contribute to sustainable agriculture and the preservation of biodiversity in medicinal plants?
14. What are the benefits of having gardens in urban areas for biodiversity conservation?

Section C

Answer any 1 questions. Each carry 14 marks.