

BSc BEd Semester II Examination, 2020

Subject- Botany

Course: GE 1.2 / GE 2.2

Time- 2hrs

Full Marks 50

Answer any 10 questions.

5 x 10 = 50

1. Describe in brief Euanthial theory of origin of evolution of Angiosperms. 5
2. Write in detail morphological features of Cycas. 5
3. What is Phyllotaxy. Explain different types of Phyllotaxy with example. 2+3
4. What is meant by modification of root? What type of modification of root found in Banyan tree and Mangrove trees. 2 +3
5. Differentiate between Racemose Inflorescence and Cymose inflorescence. 5
6. Flower is a modified shoot. Justify. 5
7. How does various leaf modification help plants? 5
8. Define the term inflorescence. Explain the basis for different type of inflorescences in flowering plants. 2+3.
9. Draw illustrations to bring out anatomical differences between Monocot root and Dicot root. 5
10. What are albuminous and Exalbuminous seeds. Give examples. 5
11. Which plant is called living fossil and why? 5
12. Explain different methods of Pollination. 5