

(2½ Hours)

[Total Marks : 60

- N.B. :** (1) All questions are **compulsory**.
 (2) **Draw** neat and labelled **diagrams** wherever **necessary**.
 (3) All questions carry **equal** marks.

1. Define Ethnobotany. Explain its role in conservation practices and agriculture. 12
OR
1. Enlist different types of 'Bonsai' and elaborate on each type. 12
2. Describe the technique of Artificial drying of fruits and vegetables. 12
OR
2. Discuss the use of Antioxidants in preservation. 12
3. Enlist the herbal materials used and their significance in 12
 (a) Herbal hair oil
 (b) Herbal shampoo.
OR
3. Define cosmetology. Briefly explain collection and processing of herbal material. 12
4. What is Biological database ? How is it classified ? 12
OR
4. Give an account of comparative modelling for the protein analysis. 12
5. Attempt any **three** of the following :- 12
 (a) Write a note on dry flower arrangement.
 (b) Describe - "floral Rangoli"
 (c) Discuss - sugar as food Preservative
 (d) Explain pickling.
 (e) Enlist various physical methods of standardization of herbal cosmetics.
 (f) Explain clustal w.