

Please check whether you have got the right question paper.

- N.B:
1. **All** questions are **compulsory**.
 2. Draw **neat** and **labelled** diagrams wherever **necessary**.
 3. **Figures** to the **right** indicate **full** marks.

Q. 1 Describe the morphological peculiarities of family Nyctaginaceae. (12)

OR

Q. 1 Write the diagnostic characters of family Annonaceae. Add a note on its inter-relationships with other families. (12)

Q. 2 Explain floral anatomy in epigynous flower and its significance. (12)

OR

Q. 2 Write a detailed account of activity of vascular cambium. (12)

Q. 3 Discuss the importance of morphological characters as tool for classification with special reference to fruit and its modifications. (12)

OR

Q. 3 Give the importance of chemical fingerprinting as a tool for classification. (12)

Q. 4 Explain the use of cell inclusions and sclereids as criterion for evaluation of crude drugs. (12)

OR

Q. 4 Write an account of quantitative methods of evaluation of crude drugs. (12)

Q. 5 Write notes on **any three** of the following: (12)

- a) Hepatoprotective biological method of evaluation of crude drugs.
- b) Androecium in family Nymphaeaceae
- c) Acrodromous venation and its types
- d) Evaluation of powdered drugs
- e) Single access keys
- f) Marginal placentation
