



- Notes :
1. All questions are compulsory and carry equal marks.
 2. Illustrate your answers with suitable examples and draw well labelled diagrams wherever necessary.

1. Write notes on:
- a) Bennettitalean theory. 5
 - b) Primitive Angiosperm - Magnolia. 5

OR

Write short notes on :

- c) Enigmocarpon. 2½
- d) Saharianthus flower. 2½
- e) Theophrastus 2½
- f) Principles of ICBN. 2½

2. Write notes on:
- a) Position of Dicotyledons in Bentham and Hookers system of classification. 5
 - b) Digital Herbarium. 5

OR

Write short notes on :

- c) Artificial system of classification. 2½
- d) Classical Herbarium Techniques. 2½
- e) Merits of Bentham & Hooker system. 2½
- f) Position of Monocotyledon in Bentham & Hooker system of classification. 2½

3. Write notes on:
- a) Describe floral characters and floral formula of family Malvaceae. 5
 - b) Explain floral characters and economic importance of family solanaceae. 5

OR

Write short notes on :

- c) Floral formula and floral diagram of family Brassicaceae. 2½
- d) Vegetative characters of family Caesalpiniaceae. 2½
- e) Economic importance of family Fabaceae. 2½
- f) Floral characters of family Ranunculaceae. 2½

4. Write notes on:

- a) Describe the vegetative and floral characters of family Euphorbiaceae. 5
- b) Describe the floral characters and economic importance of family Poaceae. 5

OR

Write short notes on :

- c) Floral formula and floral diagram of family Lamiaceae. 2½
- d) Floral characters of family Apocynaceae. 2½
- e) Economic importance of family Liliaceae. 2½
- f) Vegetative characters of family Orchidaceae. 2½

5. Write in one or two lines **any ten** (diagram not necessary). 10

- a) ICBN
- b) Species
- c) Isotype
- d) Plant press
- e) Phylogenetic classification.
- f) Zygomorphic flower.
- g) Floral formula of Mimosaceae.
- h) Loculicidal fruit.
- i) Staminode
- j) Labellum
- k) Pappus
- l) Ray floret.
