

Time: 3 hrs

Maximum Marks: 40

Note: The students are required to attempt two questions from each section A and B and the entire section C

## Section-A

- |                                                                  |   |
|------------------------------------------------------------------|---|
| 1. Give a brief account on origin of angiosperms                 | 6 |
| 2. Write a note on: (a) Beta Taxonomy (b) Taxonomic Rank         | 6 |
| 3. Give illustrated account on ICBN                              | 6 |
| 4. Write a detailed account on primitive and advanced characters | 6 |

## Section-B

- |                                                                                                    |   |
|----------------------------------------------------------------------------------------------------|---|
| 5. Describe salient feature and technical description and importance of Ranunculaceae              | 6 |
| 6. Give a brief account on diagnostic, technical description and economic importance of Asteraceae | 6 |
| 7. Give a detailed account on Bentham and Hookers system of classification                         | 6 |
| 8. Write a note on feature of Liliaceae and Asclepiadiaceae                                        | 6 |

## Section-C

9. Attempt all parts
- Explain monadelphous conditions
  - What do you mean by binomial nomenclature?
  - Define Typification
  - Define tetradynamous condition
  - Explain Umbel
  - Draw floral diagram of *Solanum*
  - Write diagnostic features of Acanthaceae
  - Draw floral diagram of *Hibiscus*
  - Write floral formula of *Pisum* and *Brasica*
  - Write diagnostic characters of family Fabaceae

2 x 8 = 16