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**SUBJECT CODE NO:- 2057**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. T.Y (Sem-VI)**  
**Examination March/April-2022 (To Be Held In June/July-2022)**  
**Botany Paper- XX**  
**(A) Diversity of Angiosperms – II**

[Time: 1:53 Hours]

[Max.Marks:50]

- N.B Please check whether you have got the right question paper.  
 1) Attempt all questions.  
 2) Illustrate your answer with suitable labelled diagram.
- Q.1 Define methodology of herbarium technique. Add a note on botanic garden. 20  
 OR  
 Explain Origin of angiosperms according to Randalian concept.
- Q.2 Describe in detail family oleaceae upto floral formula and floral diagram, add a note on two plants of economic importance. 20  
 OR  
 Write short notes on (Any Four)  
 a) Principles of Binomial nomenclature  
 b) Cytotaxonomy  
 c) Floral characters of Euphorbiaceae  
 d) Economic Importance of Liliaceae  
 e) Bennettitalean Theory  
 f) Caytonialean Theory
- Q.3 Multiple Choice questions 10
1. The new name of Gramineae is  
 (a) Orchidaceae (b) Liliaceae  
 (c) Poaceae (d) Brassicaceae
  2. Who is associated with Uppsala University.  
 (a) Theophrastus (b) Caesalpinno  
 (c) Bentham (d) Linnaeus
  3. The Royal Botanic garden is located at  
 (a) New York (b) Washington  
 (c) London (d) Melbourne
  4. Largest herbarium is located at  
 (a) New york (b) Washington

(c) Melbourne

(d) Kew

5. Acharya Jagdish Chandra Bose Indian Botanic Garden is located at  
 (a) Coimbatore (b) Indore  
 (c) Howrah (d) Pune
6. Botanical name of Rubber plant is  
 a) *Phyllanthus niruri*  
 b) *Hevea brasiliensis*  
 c) *Acalypha indica*  
 d) *Calotropis gigantea*
7. *Ipomoea batatas* belongs to family  
 (a) Verbenaceae (b) Oleaceae  
 (c) Commelinaceae (d) Convolvulaceae
8. Didynamous stamens present in  
 (a) Convolvulaceae (b) Amaranthaceae  
 (c) Scrophulariaceae (d) None of these
9. Zygomorphic condition of flower is the common character of family.....  
 (a) Oleaceae (b) Commelinaceae  
 (c) Liliaceae (d) Orchidaceae
10. Genus *Jasminum* belongs to family \_\_\_\_\_  
 (a) Oleaceae (b) Amaranthaceae  
 (c) Liliaceae (d) None of these