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**SUBJECT CODE NO: - BB-2418**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc (CBCGS)(Pattern 2022) S.Y SEM III**  
**Examination November / December 2024**  
**Botany-VII Taxonomy of Angiosperms**

**[Time: 1:30 Hours]****[Max. Marks:40]**

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions
- 2) Illustrate your answer well suitable well labelled diagram
- 3) All questions any equal marks.

**Q.1** What is classification? Explain in detail Bentham and Hooker's system.**10****OR****Describe in brief:**

- a) Cytology in taxonomy
- b) Salient features of Angiosperms.

**Q.2** Describe in detail family Solanaceae? Add a note on plants of economic importance of Solanaceae.**10****OR****Describe in brief:**

- a) Diagnostic characters of Malvaceae
- b) Economic importance of fabaceae

**Q.3** Write short notes on (any two)**10**

- a) Botanic Garden
- b) Rules of Nomenclature
- c) Floral characters of Lamiaceae.

**Q.4** MCQ. (10 questions 1 marks each)**10**

- 1) Basic unit of classification is \_\_\_\_\_
  - a) Family
  - b) Genus
  - c) Species
  - d) Subspecies

- 2) *Gloriosa superba* belongs to \_\_\_\_\_ family  
a) Liliaceae                      b) Poaceae  
c) Rubiaceae                    d) Apocynaceae
- 3) \_\_\_\_\_ placentation is present in fabaceae  
a) Parietal                      b) Marginal  
c) Axile                         d) Basal
- 4) Which of the following genus belongs to Apocynaceae  
a) *Catheranthus*                b) *Hibiscus*  
c) *Ocinum*                      d) All of these
- 5) Attachment of ovule with ovary wall is called \_\_\_\_\_.  
a) Aestivation                b) Cohesion  
c) Phyllotaxy                 d) Placentation
- 6) Inter petiolar stipule is characteristic of \_\_\_\_\_ family.  
a) Rubiaceae                    b) Malvaceae  
c) Apocynaceae                d) All of these
- 7) *Acacia Nilotica* belongs to \_\_\_\_\_ family  
a) Mimosaceae                b) Caesalpinaceae  
c) Malvaceae                    d) Liliaceae
- 8) Follicle fruit is one of the characteristic of \_\_\_\_\_ family.  
a) Lamiaceae                    b) Apocynaceae  
c) Nyctaginaceae              d) Poaceae
- 9) Acharya Jagdishchandra Bose Indian Botanic Garden is situated at \_\_\_\_\_.  
a) Chennai                      b) New Delhi  
c) Mumbai                      d) Kolkata
- 10) Corolla type in Fabaceae is \_\_\_\_\_.  
a) Papilionaceous              b) Cruciform  
c) Rosaceous                    d) Caryophyllaceous

