**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

Registration Number:

Date & Session 5-12-2022 ( 9am )

**B.Sc. – V SEMESTER**

**SEMESTER EXAMINATION: OCTOBER 2022**

**(Examination conducted in December 2022)**

**BO 5118 - TAXONOMY OF ANGIOSPERMS**

**Time: 2 ½ Hours Max Marks: 70**

**This paper contains ONE printed page and THREE parts**

**Draw diagrams and give examples wherever necessary**

**A. Define any TEN of the following 10x2=20**

1. Tetradynamous
2. Compound inflorescence with example
3. Herbarium
4. BSI
5. Holotype
6. Principle of priority
7. Botanical name and family of Peepal tree
8. Epicalyx
9. Epiphytic orchids
10. Two latex producing families
11. Hooded anthers
12. Pappus

**B. Write critical notes on any FIVE of the following 5x6=30**

1. Cymose inflorescence and its types
2. Role of palynology in taxonomy.
3. Outline of Bentham and Hooker's system of classification
4. Inflorescence and flower of Poaceae.
5. Sorosis with diagram
6. Economic importance of Solanaceae
7. Salient features of Rutaceae

**C. Give a comprehensive account of any TWO of the following 2x10=20**

1. Characteristic features of Lamiaceae, describing in detail the inflorescence types.
2. A) Salient features of Cucurbitaceae. (6 marks)

B) Economic importance of Malvaceae. (4 marks)

1. Comparative account of Fabaceae and Caesalpiniaceae