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

Registration Number:

Date & Session

**B.Sc. BOTANY–V SEMESTER**

**SEMESTER EXAMINATION: OCTOBER 2023**

**(Examination conducted in November /December 2023)**

**BO 5123 – Plant Taxonomy and Resource Botany**

**(For current batch students only)**

**Time: 2 Hours Max Marks: 60**

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

**PART-A**

1. **Answer ANY TEN of the following 2 × 10 = 20**

1. Alternate phyllotaxy

2. Imbricate aestivation

3. Valid publication

4. E K Janaki Ammal

5. BSI

6. Two uses of Botanical gardens

7. Stenopalynous Pollen

8. APG

9. Resupination

10. Interpetiolar stipules

11. Replum

12. Cremocarp

1. **Write critical notes on ANY FIVE of the following 6 × 5 = 30**

13. Principles of ICN

14. Engler and Prantl’s System of Classification – merits and demerits

15. Glume of Poaceae

16. DNA barcoding

17. Salient features of Malvaceae

18. Papilionaceous corolla

19. Economic importance of Apiaceae

1. **Give a comprehensive account of ANY ONE of the following 10 × 1 = 10**

15. Comparative account of the families Apocynaceae and Asclepiadaceae

16. Salient features and economic importance of the family Solanaceae