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DATE: **12** **-04-2018 (1PM)**

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

**SEMESTER EXAMINATION, APRIL 2018**

**M. Sc BOTANY: IV SEMESTER**

**BO 0215: Plant Breeding & Plant Propagation**

**TIME: 2 ½ MAX. MARK : 70**

(For supplementary candidates)

Do not write the register number on the question paper

Please attach the question paper along with the answer script.

***This question paper has one printed side and three sections***

***Draw diagrams wherever necessary***

1. **Write on any TEN of the following in one or two sentences: 10x2 = 20**
2. Lath house
3. Vertical Resistance
4. Triticale
5. Perlite
6. Clonal Selection
7. Trench Layering
8. Chip Budding
9. Seed Treatment
10. Macromutations
11. Gene Erosion
12. NBPGR
13. Quarantine
14. **Write critical notes on any FIVE of the following : 5x6 = 30**
15. Barriers in the production of distant hybrids
16. Heterozygous and Homozygous Balance
17. Selection as a method of disease resistance
18. Propagation techniques for *Rauwolfia*
19. Plant Introduction
20. Changes in plants on domestication
21. Plant Genetic Resources
22. **Give comprehensive account on any TWO of the following : 2x10 = 20**
23. Mechanisms of Drought Resistance
24. Genetics of Host – Parasite relationship
25. Budding techniques

BO-0215-B-18