

**Date: 25-6-19**

**ST. JOSEPH’S COLLGE (AUTONOMOUS), BANGALORE-27**

**M.Sc. BOTANY – IV SEMESTER**

**SPECIAL SUPPLEMENTARY EXMINATION: JUNE 2019**

**BO 0215: Plant Breeding and Plant Propagation**

Supplementary candidates only.

Attach the question paper with the answer booklet

**Time: 2½ hrsMax. Marks: 70**

Draw diagrams and write examples wherever necessary

This paper contains ONE printed page and THREE parts

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

1. Perlite
2. NBPGR
3. Mist-beds
4. Apomixis
5. Pomiculture
6. Emasculation
7. Natural selection
8. Self-incompatibility
9. Plant domestication
10. Germplasm conservation
11. Aromatic plants
12. Cut flowers and loose flowers

**B. Answer any FIVEof the following6x5=30**

1. Green houses
2. Indian seed act
3. Heterosis breeding
4. Pattern of evolution of crop plants
5. Natural vegetative propagation methods
6. Technique and importance of backcross method
7. Asexual propagation techniques inRose cultivation

**C. Answer any TWO of the following 2x10=20**

1. Disease and insect resistant plants
2. Plant introduction; acclimatization and quarantine
3. Cultivation, harvesting and marketing of grapes

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