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Name.....

Reg. No.....

**FIRST SEMESTER (CUFYUGP) DEGREE EXAMINATION  
NOVEMBER 2024**

Botany

BOT 1FM 105 (2)—PLANT PROPAGATION

(2024 Admission onwards)

Time : One Hour and a Half

Maximum : 50 Marks

**Section A***All questions can be answered.**Each question carries 2 marks.**Ceiling 16 marks.*

1. Explain asexual method of propagation.
2. What are the types of soil ?
3. Find the application of chemical fertilizers.
4. What is the purpose of irrigation process.
5. What is seed treatment and its importance ?
6. What are biopesticides with an example ?
7. Define Cleft grafting
8. Name some Nursery tools and their importance.
9. What is Biopesticide ?
10. Brief out the merits of organic manure.

**Section B***All questions can be answered.**Each question carries 6 marks.**Ceiling 24 marks.*

11. Illustrate the advantages and disadvantages of asexual and sexual methods of propagation.
12. Classify the types and application of chemical fertilizers.

**Turn over**

13. Give a general account on Micro propagation.
14. Discriminate the techniques used in mushroom cultivation.
15. Observe biological, physical and mechanical type of plant protection.

### Section C

*Answer any **one** question.  
The question carries 10 marks.*

16. Illustrate the Propagation facilities of Mist chamber, humidifiers, greenhouses, glasshouses, cold frames, hot beds and poly-houses.
17. Elaborate the Bonsai and Terrarium preparation.

(1 × 10 = 10 marks)