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GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ODISHA, GUNUPUR

(GIET UNIVERSITY)

M. Sc. (Ag.) (First Semester - Regular) Examinations, February – 2025

FSC 503 : Propagation and Nursery Management in Fruit Crops

Time: 2 hrs | Maximum: 50 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A **(2 x 5 = 10 Marks)**

Q.1. Answer ***ALL*** the questions	CO #	Blooms Level
a. Define asexual propagation. Mention different types of asexual propagation.	CO2	L1
b. Define dormancy. Mention different types of dormancy.	CO1	L2
c. Define PGR. Mention the types of PGR.	CO1	L1
d. Define budding and interstock.	CO4	L1
e. Define micro-propagation. Define meristem culture.	CO2	L2

PART – B **(6 x 5 = 30 Marks)**

Answer ***ANY SIX*** questions	CO #	Blooms Level
2. Brief advantages and disadvantages of asexual propagation method.	CO2	L1
3. Explain about factors influencing germination of seeds in fruit crops.	CO1	L2
4. Explain about different types of nursery.	CO4	L2
5. Explain about import and export regulations of nursery.	CO4	L2
6. Brief about different methods of micro-propagation.	CO3	L2
7. Explain role of plant growth harmones in fruit crops.	CO2	L2
8. Explain about advantages and disadvantages of micro-propagation.	CO2	L1
9. Brief the different types of seed dormancy.	CO1	L2

PART – C **(10 x 1 = 10 Marks)**

Answer ***ANY ONE*** question	CO #	Blooms Level
10. Explain different methods of layering with examples.	CO2	L2
11. Explain about regulatory measures of nursery management.	CO3	L2
12. Explain different methods of cuttings with examples.	CO5	L2

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