

[illegible]

Question Paper Code:U8A66

B.E./B.Tech. DEGREE EXAMINATION, APRIL/ MAY 2025

One Credit Course

Agricultural Engineering

21UAG866 – NURSERY PRODUCTION TECHNOLOGIES

(Regulations 2021)

Duration: 1.30 Hours

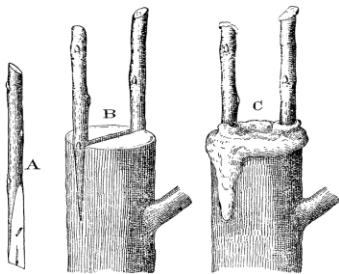
Maximum: 50 Marks

Answer ALL Questions

PART A - (6 x 1 = 6 Marks)

1. The type of nursery bed prepared during the rainy season is _____ CO1 – U
- a) Sunken b) Raised c) Flat d) Furrow

2.  CO2 – App



Identify which type of grafting?

- [illegible]

5. Location of the Compost pit in nursery is _____. CO1 – U
 a) Corner of the nursery b) Centre of the nursery
 c) Front of the nursery d) Backside of the nursery
6. _____ is the most common disease in a nursery. CO1 – U
 (a) Powdery mildew (b) Damping-off (c) Leaf spot (d) Blight

PART – B (6 x 2= 12 Marks)

7. Explain about bulb and corm with suitable example. CO1-U
 8. Write detail about layering and grafting. CO1-U
 9. Characteristics of vermiculite and perlite. CO1-U
 10. Explain about the specialized plant propagation organs Runner and Sucker. CO1-U
 11. What criteria will you follow while selecting a nursery site? CO1-U
 12. Compare sexual and asexual propagation. CO1-U

PART – C (2 x 16= 32 Marks)

13. (a) How would you implement different propagation methods in a nursery to achieve faster plant growth and higher success rates? CO2 – App (16)
 Or
 (b) What integrated pest management techniques would you apply to prevent common diseases and insect infestations in a nursery environment? CO2 – App (16)
14. (a) Choose the appropriate growing medium for different plants in a nursery to maximize growth and development. CO1–U (16)
 Or
 (b) Apply the technique of plant propagation using specialized organs with suitable example. CO1–U (16)