

A

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code: U8A66

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2024

One Credit

Agricultural Engineering

21UAG866 – NURSERY PRODUCTION TECHNOLOGIES

(Regulations 2021)

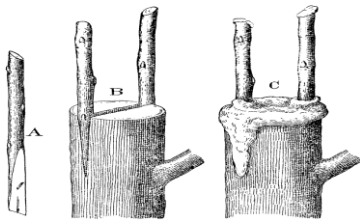
Duration: 1.30 hours

Maximum: 50 Marks

Answer ALL Questions

PART A - (6 x 1 = 6 Marks)

1.



CO2-App

Identify which type of grafting?

- (a) Cleft grafting (b) Approach grafting
(c) Crown grafting (d) Saddle Grafting

2.is the most common disease in a nursery. CO1 -U

- (a) Powdery mildew (b) Damping-off (c) Leaf spot (d) Blight

3. The main function of growing medium is to supply.....to CO1 - U
the roots of a plant.

- (a) Nutrients (b) Air (c) Water (d) All the above

4.is used for breaking of soil clods and separation of CO1 -U
medium size soil

- (a) Garden fork (b) Crow bar (c) Weeding fork (d) Hand leveler

5. Which type of nursery is prepared 10 to 15cm downwards from the soil CO1 - U
surface

- (a) Sunken nursery bed (b) Raised nursery bed
(c) Flat nursery bed (d) None of the above

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

PART – B (6 x 2= 12 Marks)

7. How do you plan a nursery layout? CO1 - U
8. Explain about bulb and corm with suitable example. CO1 - U
9. Give details about any two Grafting and budding tools CO1 - U
10. Write advantages of sexual propagation. CO1 - U
11. Characteristics of vermiculite and perlite. CO1 - U
12. Explain about the specialized plant propagation organs Runner and Sucker. CO1 - U

PART – C (2 x 16= 32 Marks)

13. (a) Different types of growing medium for plants growth and development. CO1 - U (16)
Or
(b) Illustrate the plant propagation by specialized organs with suitable example. CO1 - U (16)
14. (a) Explain about types of nursery and types of nursery bed. CO1 - U (16)
Or
(b) Common disease and Insect in nursery plants and its management practices. CO1 - U (16)