



K21U 4706

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./B.B.A./B.B.A. (T.T.M.)/B.B.A. (R.T.M.)/
B.B.M./B.T.T.M./B.C.A./B.S.W./B.A. Afsal-Ul-Ulama/B.B.A.(AH) Degree
CBCSS (OBE) – Regular Examination, November 2021
(2019 Admission Only) Open Course
5D03BOT : PLANT PROPAGATION

Time : 2 Hours

Max. Marks : 20

Instruction : Draw diagrams *wherever* specified.

PART – A

All questions are to be answered. **Each** question carries 1 mark.

1. Explant.
2. What is Air layering ?
3. Growbag.
4. What is NPK ?
5. Biopesticide.
6. Polyhouses.

PART – B

Four questions are to be answered. **Each** question carries 2 marks.

7. Write a short note on seed dormancy.
8. Discuss about lawn making.
9. Write an account on drip irrigation.
10. Explain the cultivation practices in *Anthurium*.

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11. Comment on roof gardening.

12. Write an account on merits and demerits of addition of nutrients.

PART – C

One question is to be answered. It carries 6 marks.

13. Briefly explain about the different types and preparation of substrates which are using in plant cultivation.

14. What is a Bonsai ? Explain the steps used in creation of Bonsai.



K22U 2479

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./B.T.T.M./B.B.A./B.B.A.-T.T.M./
B.B.A.-A.H./B.C.A./B.A. Afsal-UI-Ulama/B.S.W. Degree (CBCSS – OBE – Regular/
Supplementary/Improvement) Examination, November 2022
(2019 Admission Onwards)
Open Course
5D03 BOT : PLANT PROPAGATION

Time : 2 Hours

Max. Marks : 20

Instruction : Draw diagrams wherever specified.

PART – A

Answer **all**. Each question carries 1 mark.

(6×1=6)

1. Name four commercially important orchids.
2. Explain Kitchen gardening.
3. What is depotting ?
4. Comment on Drip irrigation.
5. What are biopesticides ?
6. Explain vermiculite.

PART – B

Answer **any 4** questions. Each question carries 2 marks.

(4×2=8)

7. How does the atmosphere interact with the soil ?
8. Enumerate important banana cultivation practices.
9. Give an outline of Bonsai method.
10. Define tissue culture and its uses.
11. Describe the advantages and disadvantages of chemical fertilizers.
12. Write brief note on lawn making.

PART – C

Answer **any one**. It carries 6 marks.

(1×6=6)

13. Write an essay on vegetative methods of plant propagation. Draw labelled diagrams.
 14. Explain the processes involved in mushroom cultivation.
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K23U 2518

Reg. No. :

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V Semester B.A./B.A. Afsal-UI-Ulama/B.Sc./B.Com./B.T.T.M./B.B.A./
B.B.A.-T.T.M./B.B.A.-A.H./B.C.A./B.S.W./B.M.M.C. Degree (C.B.C.S.S. – O.B.E.
– Regular/Supplementary/Improvement) Examination, November 2023
(2019-2021 Admissions)
Generic Elective Course
5D03 BOT : PLANT PROPAGATION

Time : 2 Hours

Max. Marks : 20

Instruction : Draw diagrams wherever necessary.

PART – A

Answer all. Each question carries 1 mark.

1. What are bulbs ? Give example.
2. Define emasculation.
3. What is soil erosion ?
4. Explain depotting.
5. What are grow-bags ?
6. Name 2 local varieties of Banana.

(6×1=6)

PART – B

Answer any 4. Each question carries 2 marks.

1. Comment on different types of budding.
2. Write notes on methods of care of seedlings.
3. Explain the term explant.

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10. What are the merits and demerits of organic manures ?
11. Write an account of lawn making techniques.
12. Comment on roof gardening.

(4x2=8)

PART – C

Answer **any 1**. It carries **6** marks.

13. Describe various steps of mushroom cultivation.
14. Give an account of the following terms :
 - a) Seed treatment
 - b) Seed transplanting techniques
 - c) Microbial culture media.

(1x6=6)
