

2022/TDC (CBCS)/EVEN/SEM/
BOTSEC-601T (A/B)/282

TDC (CBCS) Even Semester Exam., 2022

BOTANY

(6th Semester)

Course No. : BOTSEC-601T

Full Marks : 50

Pass Marks : 20

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Candidates have to answer either from Option—A
or Option—B

OPTION—A

Course No. : BOTSEC-601T (A)

(Nursery and Gardening)

SECTION—A

Answer any *fifteen* of the following questions :

1×15=15

1. Define transplanting.
2. Define seedlings.

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3. Give an example of endospermic seed.
4. Give an example of non-endospermic seed.
5. What is radicle?
6. Define seed viability.
7. What is seed germination?
8. What do you mean by impacection?
9. What is shade house?
10. Define vegetative propagation.
11. Name the hormone for root induction in cuttings.
12. What is rooting medium?
13. Define gardening.
14. What is manuring?

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15. What do you mean by orchards?
16. Name a commonly used fungicide for controlling diseases of nursery plants.
17. What is the scientific name of garlic?
18. Name the family to which onion belongs.
19. What is the scientific name of brinjal?
20. Name a root crop.

SECTION—B

Answer any *five* of the following questions : $2 \times 5 = 10$

21. Write a note on infrastructure for nursery.
22. Write about seasonal activities.
23. Write about genetic erosion.
24. Point out the causes of seed dormancy.
25. Write a note on air layering.

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26. Give a short account of mist chamber.
27. Point out the objectives of gardening.
28. Write a note on parks.
29. Write the storage procedures of lady's finger for marketing.
30. Write about seed sowing.

SECTION—C

Answer any *five* of the following questions : $5 \times 5 = 25$

31. Give a detailed account of planting.
32. Give an account of objectives and scope of nursery.
33. Describe methods for breaking seed dormancy.
34. Give an account of seed testing and seed certification. $2\frac{1}{2} + 2\frac{1}{2}$
35. Write notes on greenhouse and glasshouse. $2\frac{1}{2} + 2\frac{1}{2}$

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(Continue)

(5)

36. Write about selection of cuttings and hardening of plants. $2\frac{1}{2}+2\frac{1}{2}=5$
37. Give an account of different types of gardening.
38. Give a detailed account of gardening operations.
39. Write an essay on raising of seedlings.
40. Give an illustrated account of transplantation of seedlings.