

D5BBT2205

Reg. No.....

Name: .....

**FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2024**

**(Regular/Improvement/Supplementary)**

**BOTANY**

**GBOT5D02T: APPLIED BOTANY**

**(OPEN COURSE)**

**Time: 2 Hours**

**Maximum Marks: 60**

**SECTION A: Answer the following questions. Each carries *two* marks.**

**(Ceiling 20 marks)**

1. Expand VAM. Write its uses.
2. What are the differences between cascade and semi cascade style of Bonsai?
3. State the economic importance of Teak.
4. List out the characteristics of root stock used for vegetative propagation.
5. What is epigeal germination? Give examples.
6. Differentiate between stem section cuttings and stem tip cuttings. Give examples.
7. List out merits and demerits of chemical control of pest.
8. Write binomial and morphology of useful part of Rose wood.
9. List out symbiotic and free living nitrogen fixing bacteria.
10. Enlist the important microbial bio pesticides.
11. What is poisonous mushroom? List out its common characteristics. Give any two examples.
12. What is seed bed? Write its significance.

**SECTION B: Answer the following questions. Each carries *five* marks.**

**(Ceiling 30 marks)**

13. Write a short note on the uses of medicinal plants.
14. Describe different types of organic manures.
15. Enumerate artificial methods to overcome seed dormancy.
16. Comment on the role of Azolla as bio fertilizer.
17. Differentiate between air layering and simple layering.
18. Discuss the role of microorganism involved in composting.
19. Elaborate on the methods of Anthurium cultivation.

**SECTION C: Answer any *one* question. The question carries *ten* marks.**

20. Discuss about different types of irrigation methods.
21. Write an essay on vermi-composting technique.

**(1 x 10 = 10 Marks)**