

**D 50624**

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Name.....

Reg. No.....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018**

(CUCBCSS—UG)

Open Course

**BOT 5D 02—APPLIED BOTANY**

Time : Two Hours

Maximum : 40 Marks

**Section A**

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

1. Expand 2,4-D.
2. What is Goottee ?
3. Name a Gaseous Hormone.
4. Example for Auxin.
5. Give the Binomial of teak.
6. Name any *four* types of soil in Kerala.
7. Give any *two* merits of Organic manure over chemical fertilizers.
8. Name any *two* edible mushrooms used for Cultivation.
9. The plant part used in plant tissue culture is called \_\_\_\_\_.
10. Name a plant which is propagated through stem cutting.

(10 × 1 = 10 marks)

**Section B**

*Answer all questions.  
Each question carries 2 marks.*

11. Explain the method for correcting soil pH.
12. Explain Seed Dormancy.
13. What do you mean by Drip Irrigation ? How it is performed ?
14. Give the binomial of Green Gram ?
15. Give an outline of biological protection of crop plants.

**Turn over**

16. Describe the Air layering method.
17. Give an outline of Bonsai-making.
18. Briefly describe the plant tissue culture method ?
19. Give an outline of mushroom cultivation.
20. Explain the method of T-budding in detail.

(10 × 2 = 20 marks)

### Section C

*Answer any two questions.  
Each question carries 5 marks.*

21. Give any *five* advantages of plant tissue culture over conventional breeding methods.
22. What are the different methods of irrigation. **Explain in detail.**
23. Explain Bio-fertilizer technology.

(2 × 5 = 10 marks)