QP CODE: 19102495

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Reg No : .....

Name : .....

UNDERGRADUATE (CBCS) EXAMINATION, OCTOBER 2019

Fifth Semester

(Offered by the Board of Studies in Botany)

Open Course - BO5OPT01 - AGRI-BASED MICROENTERPRISES

2017 Admission Onwards

F399644A

Maximum Marks: 80 Time: 3 Hours

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Name an Organic and Inorganic fertilizer which is rich in Potassium .
2. What are the main ingrediants for making tobacco decoction?
3. What are the major ingrediants required for preparing Poting Mixtures?
4. Define bulbil.
5. What is T-budding?
6. Name four garden adornments.
7. What is LTLT method?
8. What are food additives?
9. Define mycelium.
10. Name two edible mushrooms
11. What is Cyto-differentiation ?
12. What is the role of charcoal in plant tissue culture media?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Differentiate between Organic manuers and inorganic fertilizers.

14. What is vermiwash? State few advantages of using vermiwash.

15. Write notes on the commonly used prooning tools and lawn maintenance tools.

16. Describe the structure of a seed.

17. Explain the role of hormones in root initiation.

18. Write a note on the chemical changes of food constituents during spoilage

19. Describe the cultivation technique of Milky mushrooms using saw dust polybag method.

20. Explain the different sterilization techniques used in plant tissue culture.

21. Explain the different stages of micropropagation..

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Differentiate between aerobic and anerobic composting. Comment on the advantages and disadvantages of both

23. What is vegetative propagation? Explain the different types of layering .

24. Explain the tecnique of spawn isolation and multiplication. Describe the cultivation technique of Milky mushrooms using paddy straw as substrate.

25. Give a detailed account of the basic infrastructure facilities of a tissue culture lab.

(2×15=30)