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## B.Sc DEGREE (CBCS) ) REGULAR/ IMPROVEMENT/ REAPPEARANCE / MERCY CHANCE EXAMINATIONS, FEBRUARY 2025

### Fourth Semester

B.Sc Botany Model II Horticulture and Nursery Management

### Vocational Course - BO4VOT24 - CULTIVATION OF MEDICINAL AND AROMATIC PLANTS, SPICES AND PLANTATION CROPS

2017 Admission Onwards

5F2E3938

Time: 3 Hours                                                        Max. Marks : 60

### Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Name any two plants which are used as biopesticides.

2. Write the scientific name of any two Aromatic plants available in Kerala.

3. Write any two varieties of Sida.

4. Name the useful part of Turmeric.

5. Write the scientific name of Cinnamon.

6. Write the botanical name of Allspice.

7. Name the family of Curcuma.

8. Name the family of Cumin.

9. Which is the family Tamarind belongs to?

10. Which step in processing develops aroma in Vanilla?

11. Define Plantation crop with an example.

12. Which is the useful part in Cashew?

(10×1=10)

### Part B

*Answer any **six** questions.*

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

13. Mention the scientific name, family, and useful parts of Ocimum and Rauvolfia.

14. Briefly explain the cultivation of Vinca.

15. Write a short note on the importance of Mentha in daily life.

16. Briefly explain the cultivation of Lemon grass.

17. Write a short note on the significance of spices in Indian economy.

18. Briefly explain the uses of Black Pepper.

19. Write a short note on any two Plantation crops in Kerala.

20. Give an account on cultivation of Coffee.

21. Give an account on processing and uses of Rubber.

(6×5=30)

**Part C**

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain the cultivation of Kaempferia.

23. Describe the cultivation of Cardamom.

24. Explain the cultivation, processing and uses of Fenugreek.

25. Describe the cultivation, processing and uses of Arecanut.

(2×10=20)