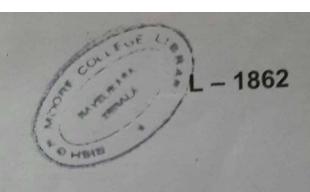Reg. No. : ....

Name : ....

Sixth Semester B.Sc. Degree Examination, March 2021

Career Related First Degree Programme Under CBCSS

Group 2 (a) Botany and Biotechnology

BB 1642 – ECONOMIC BOTANY, ETHNOBOTANY AND MEDICINAL BOTANY

(2018 Admission Regular)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **all** the questions in a word or **one** or **two** sentences.

Each question carries **1** mark.

1. Give two examples for Beverages.

2. Define Ethnobotany.

3. Write binomial of any two medicinal plants.

4. What are Herbal drugs?

5. What are Millets?

6. Define Condiments.

7. Define Pharmacognosy.

8. What are Sacred plants?

9. Give example for pulses.

10. What are Resins?

(10 × 1 = 10 Marks)

Answer any **eight** questions. Each question carries **2** mark.

Answer not to exceed **one** paragraph.

11. Give the binomial and uses of Bengal gram.

12. What are sacred groves?

13. Comment on the role of NBRI.

14. Explain how Acupuncture works.

15. Mention the botanical name and family of two spices.

16. Why do we need to study ethnobotany?

17. Explain the medicinal properties of *Adhatoda*.

18. What are drug adulterants?

19. Mention the nutritional value of cereals.

20. What is meant by ethnic knowledge?

21. Why do we need to conserve medicinal plants?

22. What are herbage vegetables?

23. Give the binomial and morphology of the useful part in Apple.

24. Mention the medicinal value of Ginger.

25. Comment on the plants used by tribes for clothing.

26. Distinguish between Unani and Sidha.

(8 × 2 = 16 Marks)

SECTION – C

Answer any **six** questions. **Each** question carries **4 marks.**

Answer not to exceed **120** words.

27. What are tuber crops? Add a note on any one of them.

28. Comment on various methods to collect ethnobotanical data.

29. Explain the role of ICAR in conservation of medicinal plants.

30. Comment on the scope of Pharmacognosy.

31. Write a brief account on any two dye yielding plants.

32. Give an account of plants used by tribes for shelter.

33. Explain the medicinal value of *Acorus calamus*.

34. Discuss the role of sacred groves in conservation of medicinal plants.

35. Comment on the insecticidal properties of Neem.

36. Discuss the ethnobotanical aspects of conservation of plant resources.

37. Describe the extraction procedure of herbal drugs.

38. Explain the principles of Ayurveda.

(6 × 4 = 24 **Marks**)

SECTION – D

Answer any **two** questions. Each question carries **15 marks.**
Answer not to exceed **3 pages.**

39. Write a detailed account of Ethnobotany, its scope and importance.

40. What are Crude drugs? Give an account of their sources.

41. Give the binomial, family and uses of Paddy. Add a note on its method of cultivation.

42. Write an essay on common plants used by tribes.

43. Give the binomial, family, morphology of useful parts and utility of various fruits.

44. Give a general account of medicinal plants and their significance.

(2 × 15 = 30 **Marks**)

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