

(FOR THE CANDIDATES ADMITTED

19UBY613

DURING THE ACADEMIC YEAR 2019-2022 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : JULY 2022

B.Sc.-BOTANY

MAXIMUM MARKS: 75

SEMESTER : VI

TIME : 3 HOURS

PART - III

ECONOMIC AND ETHNOBOTANY

SECTION - A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. Major food crop of the world belongs to the family _____.
a. Gramineae b. Cruciferae c. Leguminosae d. Solanaceae
2. Which of the following plant fibres is known as the “golden fibre”?
a. Coir b. Jute c. Hemp d. Cotton
3. The term ethnobotany was first coined by_____
a. Sir Alexander Fleming b. John W. Harshberger
c. C.J. Alexocplous d. J.W Webster
4. The first alkaloid isolated in 1803 by Freidrick Adam was?
a. Nicotine b. Codeine c. Morphine d. Ephedrine
5. National Medical Plants board is located in_____.
a. Nagpur b. Ahmedabad c. Hyderabad d. New Delhi

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES. (K2)

6. Mention any four fibre yielding plants.
7. Biofuels.
8. Nutraceuticals.
9. Secondary metabolites.
10. Drug adulteration.

SECTION – B (5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11.a) Botanical description and medicinal uses of Ginger.

(OR)

b) Cultivation methods and botanical descriptions of tomato.

12.a) Write a short note on timber yielding plants.

(OR)

b) Briefly discuss the importance of oil yielding plants.

(CONTD.....2)

- 13.a) Write the medicinal uses of Actinomycetes.
(OR)
b) Write a short note on AYUSH.
- 14.a) Discuss the medicinal properties of *Phyllanthus amarus* and *Curcuma longa*.
(OR)
b) Write the medicinal properties of *Ocimum sanctum* and *Embllica officinalis*.
- 15.a) Describe the various methods of collection of medicinal plants.
(OR)
b) Write short notes on processing and storage of medicinal plants.

SECTION - C**(4 X 10 = 40 MARKS)****ANSWER ANY FOUR OUT OF SIX QUESTIONS****(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS
(FROM Qn. No: 17 to 21)).**

16. Write notes on the cultivation and botanical description of rice. **(K4)**
17. Write an essay on beverages. **(K4)**
18. Briefly discuss the importance of fibre yielding plants cotton and jute. **(K4)**
19. What is Ethno botany? Discuss the importance of Ethnobotany. **(K4)**
20. Illustrate the medicinal properties of *Rauwolfia serpentine* and *Myristica fragrans*. **(K4)**
21. What are sacred groves and the Importance of sacred groves for conservation. **(K4)**
