

**CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN,  
NUVEM-GOA**

**B.Sc. CBCS Semester V Examination, January 2021**

Subject Code: **BOD 103 (Economic & Medicinal Botany)** Subject Name: **BOTANY-DSE**

Total Marks: **60**

Duration: **2 Hours**

Total No. of pages: **01**

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- Instructions:** 1) *All questions are compulsory; however internal choice is available.*  
2) *Answer sub-questions in Q.I and Q.II briefly.*  
3) *Figures to the right indicate maximum marks assigned to the question.*  
4) *Draw appropriate labelled diagrams wherever necessary.*

**Q. I.** Answer **any three** of the following. (3 x 4 marks = 12)

1. Write the botanical name and cultivation practices of red gram.
2. What type of fibre is jute? Briefly explain the process of its extraction.
3. Give the botanical description and cultivation practices of black pepper.
4. List the chemical constituents and medicinal uses of *Garcinia indica*.
5. Write the botanical name and botanical description of okra.

**Q.II.** Answer **any three** of the following. (3 x 4 marks = 12)

- a. Give the botanical name and cultivation practices of potato.
- b. Briefly explain Vavilov's concept of centre of origin.
- c. Write the botanical name and uses of neem.
- d. Write a brief note on botanical description and cultivation practices of banana.
- e. Write briefly on processing of tea.

**Q. III. A.** Write the botanical name, cultivation practices and uses of rice. **6**

**OR**

**A.** Explain the tapping, processing and uses of rubber. **6**

**B.** Write a brief account on ICAR and its achievements in crop improvement. **6**

**Q. IV. A.** List the chemical constituents and medicinal uses of *Boerhaavia diffusa* and *Syzygium cumini*. **6**

**OR**

**A.** Write a brief account on ICRISAT and its achievements in crop improvement. **6**

**B.** Give a brief botanical description, wood properties and uses of sailo. **6**

**Q. V. A.** Write a brief botanical description, cultivation practices and uses of turmeric. **6**

**OR**

**A.** Write a note on the cultivation practices, processing & uses of the sugarcane. **6**

**B.** Give the botanical name and botanical description of coconut. Add a note on extraction of coconut oil. **6**

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