

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

**B.Sc. CBCS Semester V (Regular) Examination, January/February 2022**

Subject Code: **BOD103 (Economic and Medicinal Botany)** Subject Name: **Botany-DSE**

**Total Marks: 60**

**Duration: 2 Hours**

**Total No of Pages: 01**

*Instructions: 1) All questions are compulsory, however internal choice is available.*

*2) Figures to the right indicate maximum marks.*

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

1. Write the botanical name and botanical description of turmeric.
2. Mention the family and uses of papaya.
3. Classify fibres based on their place of origin.
4. Write the botanical name and cultural practices of black gram.
5. List the chemical constituents and medicinal uses of *Strychnos nux-vomica*.

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

1. Briefly explain Vavilov's concept of centre of origin of plants.
2. Give the botanical name and botanical description of radish.
3. Mention the properties of the wood of sailo.
4. Write the botanical name and uses of groundnut.
5. Name the different by-products of the sugar industry and state their uses.

**Q. III. A. Write the botanical name, botanical description and uses of maize. (6)**

**OR**

A. Write the family, cultivation practices and uses of rice. (6)

B. Write briefly on SBRI and state its achievements in crop improvement. (6)

**Q. IV. A. List the chemical constituents and medicinal uses of *Adhatoda vasica* and *Tinospora cordifolia*. (6)**

**OR**

A. Write an account on ICRISAT. (6)

B. Write the botanical name, botanical description and uses of neem. (6)

**Q. V. A. Describe the dry and wet methods of coffee processing. (6)**

**OR**

A. Write a note on the different processes involved in the manufacture of