

**B.Sc. Semester-III Examination, 2022-23****BOTANY [Honours]**

Course ID : 31312      Course Code : SH/BOT/302/C-6

Course Title : Economic Botany and Pharmacognosy

Time : 1 Hour 15 Minutes      Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***UNIT-I**1. Answer any **five** from the following questions:

1×5=5

- What is beverage?
- What is fatty oil?
- Name one habit forming drug.
- Write one high yielding variety of rice.
- What is lint?
- Mention two important alkaloids of *Strychnos nux-vomica* seed.
- Write the centre of origin of wheat plant.
- What are millets?

**UNIT-II**2. Answer any **two** from the following questions:

5×2=10

- What is crop domestication? Write the negative impacts of crop domestication on biodiversity. 2+3=5
- Write in brief the process of extraction and uses of soybean oil. 2+3=5
- Distinguish between timber and lumber. Write the scientific name and uses of teak plant. 2+1+2=5
- Write the morphology, propagation and uses of potato. 1+2+2=5

**UNIT-III**3. Answer any **one** from the following questions:

10×1=10

- What is the morphological nature of cotton fibre? Write the features of cotton fibre. Briefly describe the extraction process and uses of cotton. 2+3+3+2=10
- Describe the organoleptic and microscopic features of *Rauwolfia serpentina*. Mention its therapeutic uses. 3+4+3=10