

U.G. 3rd Semester Examination - 2020**BOTANY****Course Code : BBOTCCHC 302****Course Title: Economic Botany**

Full Marks : 30

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **ten** questions: $1 \times 10 = 10$
- What is the name of the book and the year of publication by N.I. Vavilov?
 - What is the centre of origin of wheat?
 - What is the scientific name of pigeon pea?
 - Mention a by-product of sugarcane.
 - What part of saffron is used?
 - Mention two species of coffee.
 - To what family does linseed belong?
 - What is para rubber?
 - Mention two health hazards of tobacco.
 - Write the scientific name of a timber yielding plant.
 - What is retting?

- Mention two sources of starch.
- What is digitoxigenin?
- To which family does coconut belong?
- What part of cotton is used fibre?

2. Answer any **five** of the following questions:
 $2 \times 5 = 10$
- What are the criteria for recognizing centres of origin?
 - Mention two importance of legumes in view of ecosystem.
 - Define essential oil with example.
 - What is the difference between MUFA and PUFA?
 - Mention two uses Cinchona.
 - Mention two uses of coir.
 - What are the environmental impacts of crop domestication?
 - Write down the importance of germplasm diversity.
3. Answer any **two** of the following questions:
 $5 \times 2 = 10$
- Describe in brief the processing of rubber.
 - Describe in brief the processing of tea.
 - Briefly describe the method of cultivation of wheat.
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