

U.G. 3rd Semester Examination - 2021**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 do you mean by germplasm?
 - What is the centre of origin of Rice?
 - What is centre of diversity?
 - What do you understand by crop domestication?
 - Mention the nutritive value of chickpea.
 - Mention the scientific names of two fodder legumes.
 - Mention two economic importance of saffron.
 - Where do you find methylxanthine?
 - What is the scientific name of soybean?
 - What are the major saturated plant fatty acids?
 - What is retting?
 - What is rubber tapping?

- Which part of the cotton plant is used?
- What is the basic composition of a natural plant fibre?
- Which state of India has the highest yield of coffee?

2. Answer any **five** questions from the following:
 $2 \times 5 = 10$
- How is genetic erosion responsible for loss of biodiversity?
 - Name the mega gene centres.
 - Distinguish between SFA and MUFA.
 - Mention two economic importance of linseed.
 - Name two unusual plant fatty acids.
 - Write down the medicinal properties of opium.
 - Mention the health hazards of cannabis.
 - Distinguish between pine wood and teak wood.
3. Answer any **two** questions from the following:
 $5 \times 2 = 10$
- Write down the scientific name, family, parts used and economic importance of fennel.
 $1 + 1 + 1 + 2 = 5$
 - Describe in brief the extraction procedure and uses of jute.
 - Write a short note on essential oils.