

Botany [Honours]

[CBCS]

B.Sc. Third Semester End Examination-2023

(Regular & Supplementary Paper)

PAPER-C6T

ECONOMIC BOTANY

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

Group A

1. Answer any FIVE questions of the following: 5x2= 10
- a) What is plant introduction?
 - b) What is the origin of the crop Wheat and Rice?
 - c) Write the scientific names of chickpea and pigeonpea.
 - d) What is Pararubber? Why is it called so? 1+1
 - e) What is the active principle of papaver?
 - f) Write two uses of coir.
 - g) Why tea is used as refreshing drink?
 - h) What is meant by germplasm conservation?

(2)

Group B

2. Answer any FOUR questions of the following: $4 \times 5 = 20$
- a) Write short note on spices used as flavoring agents. What are the parts used in case of clove and black pepper. $4+1$
 - b) What are essential oils? Compare them with fatty oils. Write the scientific name of Teak plant. $1+3+1$
 - c) What is tapping? How is it done? Write down the uses of rubber. $1+2+2$
 - d) What are habit forming drugs? Explain with example. What are the hazards caused by tobacco.
 - e) Describe the morphology of a coffee plant in short. How is coffee processed.
 - f) Write the morphological nature of cotton. How jute is extracted from plant? $2+3$

Group C

3. Answer any ONE question of the following: $1 \times 10 = 10$
- a) Discuss the morphology, propagation and importance of potato. What are the by products of sugarcane industry? $2+3+3+2$
 - b) Discuss the centres of origins of crops according to Vavilov's work. What is meant by crop domestication? $8+2$
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