



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 3rd Semester Examination, 2022

CC6-BOTANY

ECONOMIC BOTANY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

GROUP-A

1. Answer any **five** questions from the following: 1×5 = 5
- (a) Which part of Clove is used commercially?
 - (b) Name two active ingredients of *Papaver somniferum*.
 - (c) What is soft fibre?
 - (d) Give scientific names of two drug-yielding plants.
 - (e) What is seed potato?
 - (f) Write the approximate year and place of origin of cultivated wheat.
 - (g) Name two Indian varieties of Rice.
 - (h) What is the difference between fatty oil and essential oil?

GROUP-B

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Give botanical name, family and uses of coconut. 1+1+3
 - (b) Write the scientific name and processing method of sugarcane. 1+4
 - (c) Write the characteristics of good quality timber. Write the scientific names of two timber-yielding plants. 3+2
 - (d) What is crop domestication? Write the importance of germplasm. 2+3
 - (e) Give scientific name, family and parts used of the following: 2½+2½
 - (i) Nutmeg
 - (ii) Large cardamom.

GROUP-C

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Describe the wet process of manufacturing of coffee. What are the uses of byproducts of coffee industry? 5+5
 - (b) Describe the morphology, processing, uses and health hazards of drug-yielding plant *Cannabis*. 2+3+3+2
 - (c) Explain the nature of cotton fibre with diagrams. How is it extracted? What are its uses? 4+4+2
 - (d) Discuss the morphology, processing and uses of wheat. 3+4+3

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