



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 3rd Semester Examination, 2021

CC7-TEA SCIENCE

PLANT SYSTEMATICS AND ECONOMIC BOTANY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

1. Answer any **five** from the following: 1×5 = 5
- (a) What is the full form of ICBN?
 - (b) Name a herbaria in West Bengal.
 - (c) What is author citation?
 - (d) Who is the father of nomenclature?
 - (e) Name a botanical name of a plant belongs to the Asteraceae.
 - (f) Name the botanical name of Indian tea plant.
 - (g) Name the botanical name of Coffee with the family.
 - (h) Name the part used economically from clove.
2. Answer any **three** from the following: 5×3 = 15
- (a) Explain the binomial nomenclature. 5
 - (b) Write a brief account on classification in plant systematics. 5
 - (c) Write the diagnostic features of the family Theaceae. 5
 - (d) Write the scientific names of plants belonging to the following categories: 1+1+1+1+1
 - (i) Cereals
 - (ii) Beverages
 - (iii) Fibre
 - (iv) Legumes
 - (v) Spices.
 - (e) Write the systematic position of Tea plant. 5
3. Answer any **two** from the following: 10×2 = 20
- (a) Describe the morphological characters of *Camellia sinensis* with diagram. 10
 - (b) Write the botanical name, family, morphology, processing, uses and health hazards of drug-yielding plant- *Digitalis*. 1+1+2+2+2+2
 - (c) Explain the species concept. 10
 - (d) Write short notes on: 5+5
 - (i) Botanical garden
 - (ii) Herbarium.

—×—