



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

B.Sc. Honours 3rd Semester Examination, 2022

**CC7-TEA SCIENCE**

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 binomial nomenclature?
  - (b) Name a botanical garden of West Bengal.
  - (c) Name the botanical name of Cambod tea plant.
  - (d) Name the botanical name of Clove with the family.
  - (e) What is the function of Herbarium?
  - (f) Name the part used economically from Coffee.
  - (g) Who is the father of nomenclature?
  - (h) What is the full form of IUCN?
2. Answer any **three** from the following: 5×3 = 15
- (a) Write a brief account on significance of plant systematics. 5
  - (b) Explain the valid publication. 5
  - (c) Write the diagnostic features of the family Leguminosae. 5
  - (d) Write a short note on Tea varieties. 5
  - (e) Write the scientific names of plants belonging to the following categories: 1+1+1+1+1
    - (i) Oils, (ii) Beverages (iii) Fibre
    - (iv) Legumes (v) Cereals.
3. Answer any **two** from the following: 10×2 = 20
- (a) Explain the Botanical nomenclature. 10
  - (b) Write the botanical name, family, morphology, processing, uses and health hazards of drug-yielding plant – *Cinchona*. 1+1+2+2+2
  - (c) Write the systematic position and identifying characters of Tea plant. 5+5
  - (d) Write the short notes on: 5+5
    - (i) Systems of classification
    - (ii) Fibre-yielding plants.

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