



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 3rd Semester Examination, 2023

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 Herbarium?
 - (b) Name two botanical gardens of India.
 - (c) What is Pappus?
 - (d) What is the fruit type of Gramineae?
 - (e) Name the botanical name of China tea plant.
 - (f) Name the botanical name of coffee with the family.
 - (g) Name one oil yielding plant with botanical name.
 - (h) Name one drug yielding plant with family.
2. Answer any **three** from the following: 5×3 = 15
- (a) What is plant systematics? What are the functions of herbarium? Describe binomial nomenclature. 1+2+2
 - (b) Explain author citation with examples. 5
 - (c) Write the diagnostic features of the family Lamiaceae. 5
 - (d) Write the systematic position of tea plant. Describe diagnostic morphological features of tea plant. 2+3
 - (e) Write a short note on uses of Black pepper and Clove. 2½+2½
3. Answer any **two** from the following: 10×2 = 20
- (a) Write the short notes on: 5+5
 - (i) Principle of Priority
 - (ii) Bentham and Hooker classification system.
 - (b) Describe diagnostic features of Gramineae and Asteraceae family. 5+5
 - (c) Write botanical name, family, parts used and uses from the following: 5+5
 - (i) Digitalis
 - (ii) Gram
 - (d) Write in detail about Cotton (scientific name, family, part used, morphology and uses). 10

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