



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 2nd Semester Examination, 2021

CC3-TEA SCIENCE

TEA CULTURE, BOTANY, MICROBIOLOGY

Full Marks: 40

ASSIGNMENT

The questions are of equal value

Answer any four from the following

10×4 = 40

1. Write a note on climatic factors and geographical distribution for tea plantations. 10
2. Characterise tea plants with proper sketches. 10
3. What is transpiration? Describe the mechanism of transpiration, with special reference to potassium ion pump hypothesis. Discuss the factors affecting transpiration. 1+5+4
4. What is photophosphorylation? Briefly discuss the process of noncyclic photophosphorylation. 1+9
5. Write a brief account on the qualitative and quantitative traits of tea plants. Write a short note on the different varieties of tea plant available in India. 5+5
6. Describe in detail the growth patterns in unpruned and pruned tea. 10

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