



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 1st Semester Examination, 2020

CC1-MICROBIOLOGY

Full Marks: 40

ASSIGNMENT

*The questions are of equal value.
The figures in the margin indicate full marks.*

Answer any four questions from the following

10×4 = 40

1. What do you mean by fungi imperfecti and why are they called so? Discuss about their life cycle. 10
2. Describe the general characteristics of *Plasmodium*. 10
3. Compare and contrast between prokaryotic and eukaryotic microorganisms emphasizing on their cell wall composition and organelle type. 10
4. Briefly describe the haplobiontic and diplohaplontic life cycle of algae. 10
5. Classify algae on the basis of pigment production mentioning the uses of those particular pigments in those algal cell types. 10
6. Write about germ theory of disease. Discuss about the contribution of Edward Jenner in vaccine development. 5+5

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