



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 6th Semester Examination, 2021

DSE4-PHYSIOLOGY

Full Marks: 40

ASSIGNMENT

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

Attempt any two from the following

20×2 = 40

1. (a) Classify toxins based on their source. Explain biomagnifications. 5+5
(b) Define air pollution. Explain primary and secondary air pollutants. 2+8

2. (a) What are additives and how are these differ from adulterants? Mention the harmful effects of monosodium glutamate (MSG). 5+5
(b) Explain the sources and consequence of air pollution for the following: 2½×4
 - (i) Sulphur-di-oxide
 - (ii) Ozone
 - (iii) Dust
 - (iv) Fumes.

3. (a) 'Food quality is affected by additives' — Justify the statement. Name five adulterants used in laddoo. 5+5
(b) Define noise pollution. Explain the sources and different methods to control the noise pollution. 10

4. (a) What do you mean by ionizing radiation? Mention the adverse effects of ionizing radiation on human body. 3+7
(b) Discuss the relation between environment and health. 10

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