



'সমানো মন্ত্র: সগিতি: সমানী'

**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 6th Semester Examination, 2023

**DSE-P4-PHYSIOLOGY**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**GROUP-A**

1. Answer any **five** questions of the following: 1×5 = 5
- (a) What are Xenobiotics?
  - (b) What is Toxoid?
  - (c) What is the permissible dose of ionizing radiation?
  - (d) What is the drinking water standard for arsenic according to WHO?
  - (e) What is Bisphenol A ?
  - (f) What are Teratogens?
  - (g) What is CFC?
  - (h) Name the disease caused by Hg.
  - (i) What is adulteration?
  - (j) What is thermal pollution?

**GROUP-B**

**Answer any three of the following questions** 5×3 = 15

- 2. Define the solid waste managements. 5
- 3. Write a note on pesticides. 5
- 4. Mention different health hazards associated with soil pollution. 5
- 5. Describe the effects of food adulteration on human health. 5
- 6. What are the importance of Ozone Layer? Mention the process of Ozone Layer formation. 3+2

**GROUP-C**

**Answer any two questions of the following** 10×2 = 20

- 7. What are water-borne diseases? Briefly discuss the causes, symptoms and control of water-borne diseases. 2+8
- 8. Briefly describe causes, process of transmission, symptoms, treatment and prevention of Malaria. 10
- 9. (a) What is Pb poisoning? 2  
(b) What are the symptoms and effects of Pb poisoning on human health? 2+4  
(c) Mention the different sources of Pb. 2
- 10. (a) What is thermal pollution? 2  
(b) What are the effects of thermal pollution on environment? 4  
(c) Describe different birth defects due to Cd poisoning. 4

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