



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

B.Sc. Honours 6th Semester Examination, 2022

**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 is toxins?
  - (b) What is LD50?
  - (c) What is NOEL?
  - (d) What is Ozone hole?
  - (e) What is noise?
  - (f) What is hygiene?
  - (g) What is food additives?
  - (h) What is water borne diseases?
  - (i) What is toxoid?
  - (j) What is ED50?

**GROUP-B**

- Answer any three questions from the following** 5×3 = 15
2. What is global warming? Describe the role of ozone layer on global warming. 2+3 = 5
3. What is green house effect? Mention different green house gases with their sources. 2+3 = 5
4. What is toxicity? Describe the factors that affect toxicity. 2+3 = 5
5. Define – Acute and Chronic effect.  $2\frac{1}{2} + 2\frac{1}{2} = 5$
6. What is birth defects? Describe any one birth defects with causes and symptoms. 2+3 = 5

**GROUP-C**

**Answer any two questions from the following**

10×2 = 20

7. What is air borne diseases? Briefly discuss the causes, symptoms and control of air borne disease. 2+8 = 10
8. (a) What is air pollution? 2  
(b) What are the sources of air pollution? 4  
(c) Briefly describe the effects of air pollution on human health. 4
9. (a) What is sound pollution? What is the permissible standards of sound? 2+1  
(b) What are the sources of sound pollution? 3  
(c) Briefly describe the effects of sound pollution on human health. 4
- 10.(a) What is ionizing radiations? 2  
(b) Describe the effects of ionizing radiation on human health. 4  
(c) What is the permissible dose of ionizing radiation? 1  
(d) What is teratogens? What are the effects of it? 1+2

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