



**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 5th Semester Examination, 2020

**DSE2-PHYSIOLOGY**

Full Marks: 40

**ASSIGNMENT**

*The figures in the margin indicate full marks.*

**Attempt any two from the following**

20×2 = 40

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|---|---------|
| 1. (a) What are pathogenic and nonpathogenic bacteria?                        | 5       |
| (b) Discuss sterilization and pasteurization.                                 | 5       |
| (c) Describe structure and types of a virus.                                  | 10      |
| 2. (a) What is complement system?   | 5       |
| (b) Describe the structure, classification, and function of immunoglobulin.   | 8+5+2   |
| 3. Describe lytic and lysogenic cycle.  | 10+10   |
| 4. Describe the cause, symptoms, mode of transmission and prevention of AIDS. | 4+5+6+5 |

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