



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Programme 6th Semester Examination, 2022

**DSE1/2/3-P2-ZOOLOGY (PRACTICAL)**

Time Allotted: 2 Hours

Full Marks: 20

*The figures in the margin indicate full marks.*

**The question paper contains Group A, B and C**  
**The candidates are required to answer any *one* from *three* groups.**  
**Candidates should mention it clearly on the Answer Book.**

**GROUP-A**

**IMMUNOLOGY**

1. Write down the principle of ABO blood grouping. Determine your own blood group and write a comment on your observation. 2+6+2=10

**OR**

Prepare a stained blood film and identify any one leucocyte and draw it. 8+2=10

2. Identify with reasons:  
A- 2 ½ × 2 = 5  
B-

3. L. N. B. 2

4. Viva-voce 3

**GROUP-B**

**REPRODUCTIVE BIOLOGY**

1. Identify with reasons: 3×5=15  
A:  
B:  
C:  
D:  
E:

2. L.N.B. 2

3. Viva-voce 3

**GROUP-C**

**INSECT VECTORS AND DISEASES**

- |    |                        |                              |
|----|------------------------|------------------------------|
| 1. | Identify with reasons: | 5                            |
| 2. | Identify with reason:  | $2\frac{1}{2} \times 4 = 10$ |
|    | A-                     |                              |
|    | B-                     |                              |
|    | C-                     |                              |
|    | D-                     |                              |
| 3. | L.N.B.                 | 2                            |
| 4. | Viva-voce              | 3                            |

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