



‘समानो मन्त्रः समितिः समानी’

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

**DSE-P3-MICROBIOLOGY (DSE-5.1 & 6.1) (PRACTICAL)**

Full Marks: 20

*The figures in the margin indicate full marks.*

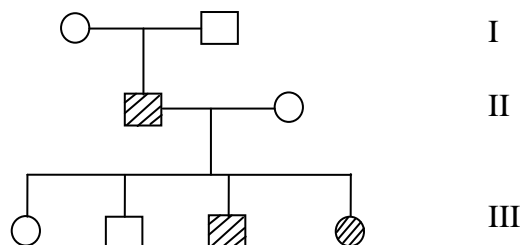
**The question paper contains two parts DSE-5.1 and DSE-6.1  
The candidates are required to answer any *one* from the *two* parts.  
Candidates should mention it clearly on the Answer Book.**

**DSE-5.1**

1. Describe the AERB and RES guidelines for use of radioisotopes in laboratory and its precautions. 10
2. What are biosafety cabinets? What is the function of biosafety cabinets? What you shouldn't do in biosafety cabinets? 4
3. Laboratory notebook 2
4. Viva-voce 4

**DSE-6.1**

1. Perform the microscopic study of Barr body of human cheek cells. Also comment on the result obtained. 10
2. Below a pedigree is given. Study and write your interpretation on it. 4



3. Lab Note Book 2
4. Viva-voce 4

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