



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

B.A. Honours 6th Semester Examination, 2022

**DSE-P3-ZOOLOGY (INSTRUCTION)**

Time Allotted: 2 Hours

Full Marks: 20

**INSTRUCTIONS TO EXAMINERS**

**GROUP-A**

1. All examiners are requested to follow the instructions given below and submit a 'key to questions' along with answer scripts.
2. For question no.1, the students are required to write the principle of the Grams staining of bacteria. The examiners are asked to supply grams positive and grams negative stain (culture in broth) out of which the student will choose any one for staining. The student will comment on the findings. 2+(6+2)  
Principle - 2  
Procedure - 6  
Comment - 2
3. For question no. 2, student is to write the principle and procedure of any one pure bacteria culture technique from the syllabus. 2+3  
Principle - 2  
Procedure - 3
4. Regularity of scientific approach in preparation of laboratory note book should be credited.
5. Viva-voce should be syllabus specific.

**GROUP-B**

1. All examiners are requested to follow the instructions given below and submit a 'key to questions' along with answer scripts.
2. For question no.1, five (5) specimens with at least one from each group is to be provided for identification.  
Characters - 2  
Identification (scientific) - 1
3. Regularity of the scientific approach in preparation of laboratory note book should be credited.
4. Viva-voce should be syllabus specific.

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