

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 2nd Semester Examination, 2022

GE1-P2-ZOOLOGY (INSTRUCTION)

Time Allotted: 2 Hours

Full Marks: 20

INSTRUCTIONS TO EXAMINERS

- 1. The question paper contains four groups: A, B, C and D. The candidates are supposed to answer any one from the four groups.
- 2. All examiners are requested to follow the instructions given below and submit a 'Key to Questions' along with answer scripts.

GROUP-A

HUMAN PHYSIOLOGY

Q1: Estimation of Haemoglobin

Principle:	2
Work out:	4

OR

Blood grouping:

Work out:	3
Principle:	3

Q2: Identification of Histological Section (Any three from the syllabus)

GROUP-B

FOOD, NUTRITION AND HEALTH

Q1: Detection of adulteration:

Work out:	5
Comment:	1

OR

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Gram Staining:

Principle:	2
Work out:	4

Q2: Identification: Any three stored grain pests from the syllabus.

GROUP-C

ENVIRONMENT AND PUBLIC HEALTH

Q1: Determination of pH.		
	Fundamentals:	$1\frac{1}{2}$
	Work out:	2
	Comment:	$1\frac{1}{2}$
Q2: Estimation of Chlorinit	y.	

Q2: Es ιy

Work out:	$3\frac{1}{2}$
Principle:	$1\frac{1}{2}$

OR

Estimations of total hardness

Work out:	$3\frac{1}{2}$
Principle:	$1\frac{1}{2}$

Q3.	Report	on	pollution	testing	centre
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Report	3
Viva	2

GROUP-D

ANIMAL CELL BIOTECHNOLOGY

Principle:	3
Procedure:	4

Q2: Biotechnological techniques

Provide photograph of any two from the syllabus

Principle: 2 Application: 2

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