



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 3rd Semester Examination, 2022

SEC1-P1-PHYSIOLOGY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

GROUP-A

1. Answer any **one**: 20
- (a) Describe the causes and probable mechanism of development of following 5×4 = 20
diseases
- | | |
|--------------------|------------------------|
| (i) Histidinemia | (ii) Diarrhoea |
| (iii) Alkaptonuria | (iv) Diabetes Mellitus |

OR

- (b) (i) Galactosemia 5×4 = 20
(ii) Tyrosinosis
(iii) Malabsorption (iv) Gaucher's disease

GROUP-B

2. Attempt any **one**: 20
- (a) Write short notes on 10+10
(i) Disorders of lipid
(ii) Disorder of kidney.

OR

- (b) (i) Describe the mechanism of regulation of electrolyte balance. 10+10
(ii) Describe the mechanism of regulation of acid-base balance.

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