



'সমানো মন্ত্র: সমিতি: সমানী'

**UNIVERSITY OF NORTH BENGAL**

B.Sc. Honours 3rd Semester Examination, 2021

**CC5-ZOOLOGY**

**CHORDATE**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**GROUP-A**

1. Answer any **five** questions from the following: 1×5 = 5
- (a) What is neoteny?
  - (b) What is catadromous migration?
  - (c) Mention the characteristic features of endostyle.
  - (d) What are remiges?
  - (e) What are amniotes?
  - (f) What is mesonephric kidney?
  - (g) Name two fauna from Ethiopian realm.
  - (h) What is test or tunic?

**GROUP-B**

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Write a note on retrogressive metamorphosis in Ascidia.
  - (b) Write a note on continental drift theory.
  - (c) Give a brief account of exoskeletal structures in mammals.
  - (d) Mention the characteristic features of ammocoete larva.
  - (e) Write a note on swim bladder in fishes.

**GROUP-C**

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Classify class amphibia upto living orders with examples.
  - (b) Give an account of different types of accessory respiratory organs in fishes.
  - (c) Discuss the structure of poison apparatus and the biting mechanism in poisonous snake.
  - (d) Describe the mechanism of aerodynamics of flight in birds.

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