



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 1st Semester Examination, 2022

CC2-TEA SCIENCE

ANIMAL DIVERSITY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

1. Answer any **five** from the following: 1×5 = 5
- (a) What do you mean by Pinocytosis?
 - (b) Name two animals belonging to phylum Porifera.
 - (c) What is cocoon?
 - (d) Write three characters of Class Insecta.
 - (e) Write the scientific name of Tongue Worm.
 - (f) What is Kollicker's Pit?
 - (g) What do you mean by bipedal gait?
 - (h) Write the dental formula of Elephant.
2. Answer any **three** from the following: 5×3 = 15
- (a) Write a short note on reproduction of *Euglena* sp. with suitable diagram. 5
 - (b) What do you mean by apiculture? Write about the economic importance of Honey Bee. 1+4
 - (c) Write a note on feeding mechanism of *Branchiostoma* sp. with suitable diagram. 5
 - (d) Differentiate between Poisonous and Non-poisonous Snakes. 5
 - (e) Write a short note on Flying Mammals. 5
3. Answer any **two** from the following: 10×2 = 20
- (a) What do you mean by Polymorphism? Write about the different forms of polymorphism in Hydrozoa. Write about the importance of polymorphism. Write a note on patterns of Polymorphism. 1+2+2+5
 - (b) Write in detail about the reproductive system of Indian Earthworm with suitable diagram. 10
 - (c) Write the general characters of Superclass Pisces. Write in detail about the migration of fishes with suitable diagram. 3+7
 - (d) Give detailed account of parental care in Amphibians with suitable diagram. 10

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