



UNIVERSITY OF NORTH BENGAL
B.Sc. Programme 3rd Semester Examination, 2020

SEC1(P1)-ZOOLOGY

Full Marks: 40

ASSIGNMENT

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

**The question paper contains SEC1A and SEC1B.
The candidates are required to answer any *one* from *two* courses and
candidates should mention it clearly on the Answer Book.**

SEC1A

APICULTURE

Answer any *four* of the following questions

10×4 = 40

1. Discuss in details the various stages in the lifecycle of a honey bee.
2. Briefly describe the design of the Newton bee hive.
3. Briefly discuss various species of honey bees in bee keeping.
4. Discuss the causative organism, symptoms and control measures in various brood diseases in apiculture.
5. Describe the various economic importance of honey.
6. Discuss the causative organism, symptoms and control measures in various adult diseases in apiculture.
7. Describe the basic model and design of a typical movable modern beehive.
8. Describe the various products of economic value from bee keeping.

SEC1B

AQUARIUM FISH KEEPING

Answer any *four* questions from the following

10×4 = 40

1. Write the common characteristics features of Goldfish and Angel fish.
2. Discuss about ornamental fish food ingredients and different types of fish food used in aquarium.
3. Briefly describe feeding method, rate, frequency and storage of ornamental fish feed.
4. Give an account of commercially important exotic species of aquarium fishes.
5. Write about the importance and scope of ornamental fish culture in Indian market.
6. Describe the preparation and composition of formulated fish feeds.
7. Write about the essential components and environmental factors for making a healthy aquarium.

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