

BANKURA UNIVERSITY
Undergraduate End Semester –IV Examination of the A.Y. 2021 - 22
ZOOLOGY

Course ID: 42615

Course Code: SH/ZOOH/405/SEC--2

Course Title: Aquarium Fish Keeping

Full Marks: 40

Time: 2Hrs

The figures in the right hand side margin indicate marks. Candidates are required to give their answers in their own words as far as practicable.

Answer all the questions

UNIT I

1. Answer *any five* of the following questions: (2x5=10)

- a) Write two characteristics of healthy aquarium fish?
- b) What is sexual dimorphism?
- c) What are the natural sources of live food in aquarium fish?
- d) Mention two exotic species of Aquarium Fishes.
- e) What is sword tail?
- f) Name two famous aquariums of India.
- g) Write two names of marine aquarium fish.

UNIT II

2. Answer *any four* of the following questions: (5x4=20)

- a) Write the common characteristics of Angel. How you can determine the gender of a Angel? (3+2=5)
- b) Draw a labelled diagram of an aquarium and describe its different components. (2+3=5)
- c) Write short notes on nutrients which is required to make artificial fish feed. (5)
- d) What are the characteristics of exotic fishes? (5)
- e) Explain the importance of aquarium fish farm as a cottage industry in India. (5)

UNIT III

3. Answer *any one* of the following questions: (10x1=10)

- a) Write the methods of packaging and transportation of ornamental fish for export? What is the present status of India in ornamental fish trading? (7+3=10)
- b) Which plant proteins are used in fish feed? What is the role of protein in fish feed preparation? What is the importance of biofilter in aquarium? (4+3+3=10)
