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**First Year (F.Y.B.Sc Zoology Major)**  
**ZOO11401: Ornamental Fishery**  
**(Semester I)**

**Program: BScGen03**  
**Program Specific: Zoology**  
**Course Type: VSC**

**Credits: 2**  
**Time: 2 Hours**  
**Max. Marks: 30**  
**SET: A**

**Instructions to the candidate:**

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

**SECTION: A**

**Q1) Answer the following**

**[5 X 1= 5]**

1. What are the conditions for ideal depth of water in an aquarium.
2. Define Natural Breeding.
3. Explain importance of thermometer in aquarium.
4. Define Ornamental fish.
5. Enlist any two ornamental fishes.

**SECTION: B**

**Q2) Answer the following (Attempt any 5/7)**

**[5 X 2 =10]**

1. Enlist any two commonly affected fish from viral disease.
2. Define Acidity.
3. Explain Common characters of Guppy fish.
4. Define Aerators.
5. Explain Size of Aquarium.
6. Define Surface feeder.
7. Explain ingredients of feed.

**SECTION: C**

**Q3) Answer the following/Write short notes on following (Attempt any 2/4)**

**[2 X 5 = 10]**

1. Describe Chemical maintenance of aquarium.
2. Explain Fish handling.
3. Write a note on lighting arrangement of aquarium.
4. Explain characteristics of fish feed.

**SECTION: D**

**Q4) Answer the following (Attempt any 1/2)**

**[5 X 1 = 5]**

1. Explain the Scope of aquarium fish industry
2. State the causative agent, Symptoms and treatment of Protozoan disease of fishes.