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**OPEN ELECTIVE**  
**First Year BBA CA**  
**ZOO11301: Bioeconomics**  
**(Semester I)**

**Course Type: Open Elective**  
**Paper : OE 1**  
**Time: 2 Hours**

**Credits: 2**  
**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 (Attempt any 5/7)**

**[5 X 1= 5]**

1. Define apiculture.
2. Explain moriculture.
3. Name any two species of prawn.
4. What is pruning?
5. Define ornamental fishery.
6. Define aquarium.
7. Explain bee hive.

**SECTION: B**

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

**[5 X 1 =5]**

1. Name any two gears used in fishery.
2. Enlist advantages of vermicomposting.
3. Comment on uses of lac.
4. Name any two methods of preservation of prawns.
5. Comment on any two beekeeping equipment.
6. Comment on any two silkworm pests.
7. Explain zoea larva and its features.

**SECTION: C**

**Q3) Answer the following (Attempt any 2/4)**

**[2 X 5 = 10]**

1. Comment on colony organization in honey bee.
2. Explain construction and maintenance of aquarium.
3. Describe Lac cultivation in detail.
4. Explain preparation of fish farm and rearing of fishes in detail.

**SECTION: D**

**Q4) Answer the following (Attempt any 2/4)**

**[2 X 5 = 10]**

1. Describe life cycle of *Bombyx mori* with a suitable diagram.
2. Explain breeding techniques in fishes.
3. Explain methodology of vermicomposting in detail.
4. Describe bee keeping methods in detail.

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