

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
BSc DEGREE EXAMINATION MAY 2019  
(Fifth Semester)  
Branch ZOOLOGY

**CORE ELECTIV - I ECONOMIC ZOOLOGY -1**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

(10x2 = 20)

- 1 What are the types of Aquarium?
- 2 Write any two requirements for an aquarium.
- 3 Define - live feed.
- 4 What is breeding?
- 5 Moriculture.
- 6 Bivoltines.
- 7 Write the classification of silkworm.
- 8 What is netrikka?
- 9 Cocoon riddling.
- 10 Reeling.

**SECTION - B (25 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Write a short notes on ornamental plants.  
OR  
b Explain the morphology & characters of barbs.
- 12 a Explain the culture of spirulina.  
OR  
b Describe the breeding methods of goldfish.
- 13 a Explain the morphology of mulberry plant.  
OR  
b Describe the vegetative propagation of mulberry plants.
- 14 a Write a short notes on life-cycle of silkworm.  
OR  
b Explain the egg morphology of silkworm.
- 15 a Write a short notes on any two silkworm disease.  
OR  
b Describe the cocoon marketing.

**SECTION-C (30 Marks)**

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 How will you set an aquarium?
- 17 Write a brief account on ornamental fish disease.
- 18 Give an account on any two mulberry disease.
- 19 Discuss the rearing of young - age silkworm.
- 20 Explain in detail about the reeling process.