

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2018
(Fifth Semester)

Branch - **ZOOLOGY**

CORE ELECTIVE -1: ECONOMIC ZOOLOGY - I

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

Answer in one or two sentences:

- 1 Hood.
- 2 Fighter fish.
- 3 Infusoria.
- 4 Chironomous Larva.
- 5 Warm bed cutting method.
- 6 Mulberry silkworm.
- 7 Caudal horn.
- 8 Box rearing.
- 9 Nuclear polyhedrosis.
- 10 Floss.

SECTION - B (25 Marks!)

Answer **ALL** Questions

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

- 11 a Illustrate the morphology and characters of Gowrami.
OR
b Give a brief note on ornamental plants.
- 12 a Comment on artificial fish feed preparation.
OR
b Write a brief account on breeding methods of Angel fish.
- 13 a Enumerate the species of Silkworm.
OR
b Write short notes on Morphology of Mulberry plant.
- 14 a Explain the structure of *Bombyx mori* egg.
OR '
b Elucidate the rearing methods of late-age silkworms.
- 15 a Write down the life cycle and management of Uzi fly.
OR
b Give an account on reeling process.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Elaborate the importance of biological filters and Aerator in Aquarium.
- 17 Write an essay on ornamental fish diseases.
- 18 Elaborate the types, causative organism, symptoms and management of Root rot disease of Mulberry.
- 19 Discuss the morphology of *Bombyx mori* pupa with a neat labeled diagram.
- 20 Describe the pebrine disease of silkworm and their control measures.