

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

Branch- **ZOOLOGY**

CORE ELECTIVE -1: ECONOMIC ZOOLOGY -1

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

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

- 1 Aquarium.
- 2 Live Bearers.
- 3 Infusoria.
- 4 . Costiasis.
- 5 Catkin.
- 6 Indole Acetic Acid.
- 7 Moulting.
- 8 Chawki Rearing.
- 9 Stifling.
- 10 Deflossing.

SECTION - B (25 Marks)

Answer ALL Questions

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

- 11 a Tabulate some important ornamental plants and their uses in different fish species.

OR

- b Write an account on the morphology of fighter fish, Gourami fish and Gold fish.

- 12 a Write a note on breeding methods of gold fish.

OR

- b Write a note on mass culture of Artemia.

- 13 a Write an account on various species of Silkworm.

OR

- b Describe the structure of Mulberry plant.

- 14 a Describe the structure of fifth instar larva of mulberry silkworm,

OR

- b Compare the structure of male and female silkworm.

- 15 a Comment on cocoon marketing.

OR

- b Write a note on the life cycle of Uzi fly.

SECTION - C 130 Marks)

Answer any **THREE** Questions

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

- 16 How will you set up an aquarium? - Explain.
- 17 Write an account on various ornamental fish diseases.
- 18 Elaborate the causative organism, symptoms and management of Powdery mildew and Tukra diseases of mulberry plant.