

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2017
(Fifth Semester)

Branch- ZOOLOGY

CORE ELECTIVE - I : 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 What is suction feeding?
- 2 What is cuboid aquaria?
- 3 How do you sex the gold fish?
- 4 What is cyanobacteria?
- 5 What is local cultivar?
- 6 Which is domestic product used to control powdery mildew and How?
- 7 What is mounting?
- 8 What is shoot harvesting?
- 9 Define Pierced cocoons.
- 10 What is Nuclear polyhedrosis?

SECTION - B (25 Marks)

Answer ALL Questions

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

- 11 a Give an account on biological filters.
OR
b Write notes on ornamental plants.
- 12 a Give an account on mass culture of *Artemia*.
OR
b Give an account on any two diseases of ornamental fishes.
- 13 a Describe the morphology of mulberry plant.
"OR
b Comment on key characters of different species of silkworms.
- 14 a Write notes on silkworm seed production.
OR
b Give an account on rearing young silkworms.
- 15 a Write notes on life cycle of Uzi Fly.
OR
b Write an account on Flacherie.

SECTION - C (30 Marks)

Answer any THREE Questions

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

- 16 Elaborate the morphology of Goldfish and fighter ornamental fishes and add notes on their adaptive features.
- 17 Write detailed account on the breeding methods of Angel fish with illustrations.
- 18 Describe the causative agent, symptoms and management of Root rot and Tukra.
- 19 Explain the stages of life cycle of Mulberry silkworm and their significances with illustrations.
- 20 Elaborate the stages and precautions involved in reeling processes.

Z-Z-Z

END