

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2019
(Fifth Semester)

Branch-**ZOOLOGY**

CORE ELECTIVE -I
ECONOMIC ZOOLOGY !

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks!)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10x2 = 20)

- I What are the light sources for indoor fish tank?
Write the importance of squeezing gun.
Define live feed organisms.
What do you mean by breeding?
Write the importance of Mysore Local mulberry variety.
What are the symptoms of Tukra disease in silkworm?
Comment on Chorion.
Define Grainages.
How will you calculate the Shell ratio of Cocoon?
10 What is rosette?

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SECTION - B 125 Marks!

Answer **ALL** Questions

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

- II a Explain the importance of biological filter in aquarium.
 OR
 b Elucidate the role of ornamental plants in aquarium.
- 12 a Describe the mass culture method of Artemia.
 OR
 b How will you breed the Angel fish?
- 13 a Bring out the species of silk worm.
 OR
 b Analyze the symptoms and control measures of root rot disease.
- 14 a Briefly explain the structure of larva of *Bombyx mori*.
 OR
 b Narrate the methods of rearing of late-age silkworms.
- 15 a Illustrate the life cycle of Uzi fly.
 OR
 b Write a brief account on cocoon marketing.

SECTION - C (30 Marks')

Answer any **THREE** Questions

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

- 16 Describe the morphology and characters of Gold fish and Gowrami.
- 17 Give a detailed account on ornamental fish diseases.
- 18 Discuss the morphology of mulberry plant with a neat sketch.
- 19 Elucidate the methods of rearing of young age silkworms.
- 20 Analyze the mode of transmission, symptoms and control measures of Pebrine disease silkworm.

Z-Z-Z

END