

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
BSc DEGREE EXAMINATION DECEMBER 2017  
(Second Semester)  
Branch - BOTANY  
ZOOLOGY-11

Time : Three Hours

Maximum i 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10x2 = 20)

Answer in one or two sentences:

- 1 Achnidae.
- 2 Zygentoma.
- 3 Asian rice gall midge.
- 4 Dead heart.
- 5 Bio-pesticide.
- 6 Insecticide.
- 7 Sericulture.
- 8 Tukra.
- 9 Pebrine.
- 10 Grasserie.

SECTION - B , 25 Marks)

Answer ALL Questions

ALL Questions Carr}7 EQUAL Marks ( 5 x 5 -25)

- 11 a What are the salient features of class insecta?

**OR**

- b Write about salient features of order Lepidoptera.

- 12 a Explain the morphology and control measures of *Tryporyza incertulas*.

**OR**

- b Explain the morphology and control of *Pectinophora gossypiella*.

- 13 a Write a short note on Indigenous methods of pest management.

**OR**

- b Comment on various types of sprayer for application of pesticide.

- 14 a Give an account on varieties of mulberry species.

**OR**

- b Write a note on powdery Mildew and it control measures,

- 15 a Write briefly about types of silkworm species.

**OR**

- b Comment on Flacherie.

SECTION - C (30 Marks)

Answer any THREE Questions

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

- 16 Classify the class Insecta upto the level of orders with common examples,

- 17 Explain the life cycle, damaged caused, prevention and control measures of *Chilo infuscatellus* (Sugarcane shoot borer).

- 18 Write an essay on Pesticides and their classification

- 19 Give an account on the vegetative propagation of mulberry plant.

- 20 Give a detail account on morphology of *Bombyx mori* with suitable diagram