

PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Second Semester)

Branch – BOTANY

ZOOLOGY - II

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

$$(5 \times 1 = 5)$$

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

$$(5 \times 3 = 15)$$

- 6 a Enlist the general characters of order Hemiptera with examples.
OR
b List out the salient features of order Lepidoptera with suitable examples.

7 a Explain in detail the disease caused by Tryporyza incertulas.
OR
b Describe the morphological structure of sugarcane pest Chilo infuscatellus.

8 a What is the most commonly used pesticide application equipment.
OR
b Summarize the various methods of pest management.

9 a Explain the varieties of mulberry plants are cultivated in India.
OR
b Discuss in detail about the disease powdery mildew of mulberry.

10 a Describe about three types of non-mulberry silkworm.
OR
b Briefly explain the disease flacherie and its control measures.

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a Enumerate the general characters of class insect.

OR

- b Highlight the division exopterygota with salient features up to the level of orders with suitable examples.

- 12 a . Describe the life history of Orseolia oryzae,

OR

- b Explain in detail the life cycle of cotton pest Pectinophora gossypiella,

- 13 a Classify pesticide based on their mode of action,

OR

- b Elucidate the various pesticide application methods,

- 14 a With a neat diagram, explain the morphology of mulberry plant,

OR

- b Categorize the various propagation methods of mulberry,

- 15 a Elucidate the morphology and life cycle of Bombyx mori,

OR

- b Enumerate the various appliances used in silk worm rearing,

Z-Z-Z

END