

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION MAY 2026
(Second Semester)**

Branch -**BOTANY**

ZOOLOGY II

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry EQUAL marks (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	The phylum in which Class Insecta belongs to is _____ (i) Arthropoda (ii) Annelida (iii) Mollusca (iv) Porifera	K1	CO1
	2	Butterflies belong to the order _____ (i) Hymenoptera (ii) Coleoptera (iii) Lepidoptera (iv) Diptera	K2	CO1
2	3	'White ear' in rice is due to _____ attack. (i) Stem borer (ii) Leaf folder (iii) Swarming caterpillar (iv) Silkworm	K1	CO2
	4	The Scientific name of the sugarcane 'early shoot borer' is _____ (i) Tryporyza incertulas (ii) Tryporyza nivella (iii) Chilo infuscatellus (iv) Chilo sacchariphagus	K2	CO2
3	5	The method of using a predator to control pests is _____ (i) Artificial control (ii) Biological Control (iii) Chemical Control (iv) Genetic engineering	K1	CO3
	6	A bio control agent against plant diseases is _____ (i) Trichoderma (ii) Glomus (iii) Bacillus thuringiensis (iv) Baculovirus	K2	CO3
4	7	What is the ideal soil type for mulberry propagation? (i) Sandy soil (ii) Loamy soil (iii) Alkaline soil (iv) Rocky soil	K1	CO4
	8	What is the causative agent of Tukra disease in mulberry plants? (i) Mealy bug (ii) Bacteria (iii) Fungi (iv) Nematodes	K2	CO4
5	9	To which family does the Mulberry silk moth belong? (i) Bombycidae (ii) Saturniidae (iii) Attacidae (iv) Noctuidae	K1	CO5
	10	Which of the following is a protozoan diseases in silkworm ? (i) White Muscardine (ii) Pebrine (iii) Grasserie (iv) Flacherie	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	List any twelve salient features of Class Insecta.	K2	CO2
		(OR)		
	11.b.	Show and explain the features of mosquito and honeybee.		
2	12.a.	Explain the life history of Tryporyza incertulas.	K2	CO2
		(OR)		
	12.b.	Expound the features and life-history of Chilo infuscatellus.		
3	13.a.	Explicate the methods of pest management.	K3	CO3
		(OR)		
	13.b.	Classify Pesticides with brief explanation.		
4	14.a.	Examine the morphology of mulberry plant.	K4	CO4
		(OR)		
	14.b.	Distinguish Powdery Mildew disease from Nutrient Deficiency in mulberry plants.		
5	15.a.	Identify and relate the stages present in life-cycle of <i>Bombyx mori</i> .	K3	CO3
		(OR)		
	15.b.	Compare the Pebrine and Grasserie diseases of silkworm.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Identify any five orders of Class Insecta and give examples.	K3	CO3
2	17	Analyze the morphology, life history causes and control measures of <i>orielolia</i> , <i>oryzae</i> .	K5	CO5
3	18	Inspect the importance of biological control of pest.	K4	CO4
4	19	Summarize the propagation methods followed in mulberry cultivation.	K2	CO2
5	20	Evaluate the role of silkworm rearing appliances.	K5	CO5

Z-Z-Z END