

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2024
(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	Insects are recognizable by their following legs? (a) Two (b) Four (c) Six (d) Eight	K1	CO1
	2	Mosquitoes are belonging to the following group? (a) Hymenoptera (b) Lepidoptera (c) Coleoptera (d) Diptera	K2	CO2
2	3	Swarming Caterpillar or Army worm is known as (a) <i>Nymphula depunctalis</i> (b) <i>Spodoptera Mauritia</i> (c) <i>Pachytiplosis oryzae</i> (d) <i>Chilo polychrysa</i>	K1	CO3
	4	<i>Chilo sacchariphagus indicus</i> is a ----- (a) Short borer (b) Stem borer (c) Top borer (d) Shoot borer	K2	CO2
3	5	<i>Amrasca biguttula</i> is a pest that affects mostly ----- (a) Rice (b) Cotton (c) Jute (d) Coffee	K1	CO1
	6	Radio active substances is ----- pest control measures? (a) Natural (b) Chemical (c) Physical (d) Artificial	K2	CO3
4	7	How many species of mulberry are available? (a) 10 species (b) 20 species (c) 30 species (d) 40 species	K1	CO2
	8	Powdery mildew disease is caused by the following fungus (a) <i>Phyllactinia</i> (b) <i>Pythium</i> (c) <i>Aspergillus</i> (d) <i>Beaureria</i>	K2	CO3
5	9	Name the silk which is produced by <i>Bombyx mori</i> ? (a) Tasar silk (b) Muga silk (c) Grandi silk (d) Mulberry silk	K1	CO2
	10	Which one spins a Cocoon? (a) Moth (b) Butterfly (c) spider (d) Mosquito	K2	CO3

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.	Write a short note on insect morphology?	K2	CO1
	(OR)			
	11.b.	Write on the classification of Insects?		
2	12.a.	Mention the characteristic features of <i>Tryporyza incertulas</i> ?	K3	Co2
	(OR)			
	12.b.	Write about the impact of pests on sugarcane?		
3	13.a.	Define Pest Management and its importance?	K4	CO3
	(OR)			
	13.b.	What is known as Pesticides?		
4	14.a.	Explain the morphology of mulberry plant?	K5	CO4
	(OR)			
	14.b.	Write about the distinguishing characters of Powdery mildew?		
5	15.a.	Write about silk worm species?	K6	CO5
	(OR)			
	15.b.	Write a note on <i>Bombyx mori</i> ?		

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	Classify insects upto the level of orders with examples.	K2	CO1
2	17	Write a detailed account on pests on rice and its economic loss.	K3	Co2
3	18	Write a brief note on the biological control of pests.	K4	CO3
4	19	Explain the characteristics features of mulberry varieties.	K3	Co2
5	20	Write an account on Diseases of silk worm.	K5	CO4