

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2024
(Third Semester)
Branch - **ZOOLOGY**
SERICULTURE

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	Match the Moriculture with the following. a) cultur of Rice b) culture of mulberry c) culture of paddy d) culture of moth	K1	CO1
	2	Tell the new system of plantations evolved for the slopes in Nilgiris. a) Pit system b) Angular system c) Row system d) strip system	K2	CO2
2	3	Which one of the following causes Leaf blight disease in mulberry plant? a) bacteria b) fungal c) virus d) all the above	K1	CO1
	4	Show the vegetative propagation of mulberry plant? a) cutting b) grafting c) layering d) all the above	K2	CO2
3	5	Which is the third stage in the life cycle of silk moth? a) egg b) pupa c) cocoon d) moth	K1	CO1
	6	Relate the silk worm egg with the following a) telolecithal b) centrolecithal c) microlecithal d) none of the above	K2	CO2
4	7	Which one of the following is used to brush the newly hatched larva from the egg card to rearing trays? a) mats b) feathers c) knife d) cleaning nets	K1	CO1
	8	Relate the following which is used to pick up the larva? a) Joy sticks b) Chop sticks c) Paraffin paper d) Chopping board	K2	CO2
5	9	Which is the most common pest of silk worm? a) wasps b) uzi fly c) beetle d) honey bees	K1	CO1
	10	Show the name of the number of kilograms of cocoons needed to get 1 kg of reeled silk. a) flossing b) shell weight c) renditta d) shell ratio	K2	CO2

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.	Organize the various methods of irrigation.	K3	CO3
		(OR)		

Cont...

1	11.b.	Outline the major plantation system followed for mulberry.	K3	CO3
2	12.a.	Identify the deficiency symptoms of Boron in mulberry plant.	K3	CO3
	(OR)			
	12.b.	Identify the causative agents, symptoms and treatment of Leaf mosaic disease.		
3	13.a.	Explain about silkworm seed production.	K4	CO4
	(OR)			
	13.b.	Analyze the structure of silk gland with neat sketch.		
4	14.a.	Simplify the rearing of young age worm.	K4	CO4
	(OR)			
	14.b.	Analyze the guidelines used to construct silk worm rearing house.		
5	15.a.	Explain the Byproducts of sericulture.	K5	CO5
	(OR)			
	15.b.	Justify – Silkworm as bioreactor.		

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	Explain the functions of central silk board.	K4	CO4
2	17	Explain the bacterial disease of mulberry plants.	K4	CO4
3	18	Interpret the Life cycle of mulberry silk worm.	K5	CO5
4	19	Assess the various rearing appliances of silk worm	K5	CO5
5	20	Analyze the causative agents, symptoms and control measures of Flacherie disease.	K4	CO4

Z-Z-Z

END