Reg. No. | | | | | | | | |

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.

UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.

(For those admitted in June 2021 and later)

PROGRAMME AND BRANCH: B.Sc., BOTANY

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
IV	PART - III	ELECTIVE GENERIC	U21ZO4A4	ECONOMIC ZOOLOGY

Date & Session: 03.05.2025/AN **Time : 3 hours** **Maximum: 75 Marks**

Course Outcome	Bloom's K-level	Q. No.	**SECTION – A (10 X 1 = 10 Marks)** **Answer ALL Questions.**
CO1	K1	1.	Pebrine disease of silkworms is caused by a _____. a) Fungus b) Bacteria c) Virus d) Protozoan
CO1	K2	2.	Identify the causative agent of Grasserie disease. a) Polyhedrosis virus b) *Bacillus bombysepticus* c) *Nosema bombycis* d) *Beauveria bassiana*
CO2	K1	3.	Pick out the giant honey bee from the following. a) *Apis indica* b) *Apis Mellifera* c) *Apis florea* d) *Apis dorsata*
CO2	K2	4.	Sterile female of honeybees called _____. a) Drones b) Queen c) Male d) None of the Above
CO3	K1	5.	Find the native species of earthworm. a) *Lumbricus terrestris* b) *Eisenia hortensis* c) *Megascolex mauritii* d) *Eisenia fetida*
CO3	K2	6.	Which of the following genera of Earthworm used for vermiculture in India? a) Pontoscolex b) Eudrigaster c) Metaphire d) Eudrilus
CO4	K1	7.	_____ is a marine fish. a) Catla b) Mystus c) Salmon d) Carp
CO4	K2	8.	Select the most important molluscs cultivated for pearls. a) *Placuna plancenta* b) Mytilus c) *Placuna maxima* d) *Pinctada vulgaris*
CO5	K1	9.	Which of the following is the cultural control of methods for pests? a) Chemical method b) Biological method c) Crop rotation d) Pheromone traps
CO5	K2	10.	Integrated pest management (IPM) includes. a) cultural, mechanical, chemical and biological b) chemical only c) biological only d) None of the above

Course Outcome	Bloom's K-level	Q. No.	**SECTION – B (5 X 5 = 25 Marks)** **Answer ALL Questions choosing either (a) or (b)**
CO1	K3	11a.	Explain the lifecycle of *Bombyx mori.* **(OR)**
CO1	K3	11b.	Mention the appliances required for rearing for sericulture.
CO2	K3	12a.	Explain the economic importance of Apiculture. **(OR)**
CO2	K3	12b.	Write about Newton's bee hive.
CO3	K4	13a.	Write in your own words about methods Vermicomposting. **(OR)**
CO3	K4	13b.	Illustrate the preparation and significance of vermiwash.
CO4	K4	14a.	Comment on culture of ornamental fishes. **(OR)**
CO4	K4	14b.	Categorize the economically importance aquatic faunal resources.
CO5	K5	15a.	Mention the advantages of biological methods of pest control. **(OR)**
CO5	K5	15b.	Assess the biology and control measures of American bollworms in cotton.

Course Outcome	Bloom's K-level	Q. No.	**SECTION – C (5 X 8 = 40 Marks)** **Answer ALL Questions choosing either (a) or (b)**
CO1	K3	16a.	Explain the types of silkworm. **(OR)**
CO1	K3	16b.	Define the major diseases of silkworm.
CO2	K4	17a.	Elaborate on the appliances used for the modern method of beekeeping. **(OR)**
CO2	K4	17b.	Discuss the caste system in the honey bee.
CO3	K4	18a.	Write a detailed note on the steps involved in vermicomposting. **(OR)**
CO3	K4	18b.	Write the composition and applications of Vermiwash.
CO4	K5	19a.	Analyze the different methods of Integrated fish culture. **(OR)**
CO4	K5	19b.	Explain what idea apply for Pearl Oyster culture.
CO5	K5	20a.	Give an account of biology and control of pest of cotton. **(OR)**
CO5	K5	20b.	Write an essay on Integrated Pest Management (IPM)