

(FOR THE CANDIDATES ADMITTED

25UBY2A2

DURING THE ACADEMIC YEAR 2025

ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY 2026

BSC BOTANY

MAXIMUM MARKS: 75

SEMESTER : II

TIME : 3 HOURS

PART - III

25UBY2A2– ALLIED BOTANY II-ECONOMIC ZOOLOGY

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

1. Choose the fungal disease from the following. \_\_\_\_\_  
a) EUS      b) IPN      c) VHS      d) Saprolegniasis
2. Who is the father of Apiculture?  
a) Aristotle      b) Johann Dzierzon      c) Langstroth      d) A.S Atwal
3. Select the scientific name of silkworm. \_\_\_\_\_  
a) *Bombyx mori*  
b) *Apis indica*  
c) *Pediculus capitis*  
d) *Apis dorsata*
4. Name the pathogen causing Ranikhet disease. \_\_\_\_\_  
a) NDV      b) Salmonella      c) Herpes virus      d) Pasteurella
5. Select a pest of Paddy from the following which causes dead heart symptom. \_\_\_\_\_  
a) BPH      b) leaf holder      c) YSB      D) Gall midge

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

6. Differentiate between the edible oyster and pearl oyster.
7. Indicate the advantages of Royal jelly.
8. Illustrate the structure of the silk gland of the silk worm.
9. Explain the nutritive value of egg.
10. Define Integrated Pest Management.

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

11. a) List the scope of aquaculture and its importance in the Indian economy.  
(OR)  
b) Describe the common carp culture and its significance.

(CONT...2)

Ethical paper

12. a) Assess the products of beekeeping and their commercial value.  
(OR)  
b) Describe mastitis as an important livestock disease in dairy animals.
13. a) Assess the optimum conditions required for mulberry cultivation.  
(OR)  
b) Examine the significance of stem cutting in vegetative preparation.
14. a) Describe Fowl pox in poultry.  
(OR)  
b) Compare the management practices for broilers and layers.
15. a) Examine biological methods of pest control with examples.  
(OR)  
b) Describe the *Culex quinquefasciatus* as vectors .

**SECTION – C (5 X 8 = 40 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.**

16. a) Categorize the types of inland and marine fisheries, and highlight their cultural practices.  
(OR)  
b) Outline the two major viral, and bacterial diseases of fishes along with their symptoms and its control measures.
17. a) Compare *Apis indica*, *Apis mellifera* and *Apis dorsata* and their significance in Apiculture.  
(OR)  
b) Summarise the structure and management of a typical dairy farm, including common livestock diseases and their prevention.
18. a) Examine the life cycle of *Bombyx mori* and its significance in sericulture.  
(OR)  
b) Assess the rearing of silkworms, including rearing appliances, disinfection methods, and cocoon marketing.
19. a) Describe the construction of a poultry house with their construction essentials.  
(OR)  
b) Analyze the major poultry diseases Coccidiosis, Ranikhet disease, and Bird flu along with preventive measures.
20. a) Discuss the types of agricultural pests affecting coconut and sugarcane.  
(OR)  
b) Explain the cultural and chemical methods of pest control.

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