

**2025 / FYUG / EVEN / SEM /  
ZOOIDC-151/050**

**FYUG Even Semester Exam., 2025**

**ZOOLOGY**

**( 2nd Semester )**

Course No. : ZOOIDC-151

**( Economic Zoology )**

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

**UNIT—I**

1. Answer any four from the following questions :

1×4=4

- (a) What is pandemic?
- (b) What is epidemic?
- (c) What is disease outbreak?
- (d) What is a parasite?
- (e) What is endemic?

2. Answer any one from the following questions :

- (a) What is zoonotic disease? Give example.
- (b) What are communicable diseases? Give examples.

3. Answer any one from the following questions :

- (a) What are non-communicable diseases? Give examples. Mention the preventive measures of non-communicable diseases. 2+1=3
- (b) Write the significant features of epidemic. Add a note on the control measures of epidemic. 4+4=8

UNIT—II

4. Answer any four from the following questions :

- (a) Write the scientific name of honeybee of India. 1×4=4
- (b) Name the food plant of Muga silkworm.
- (c) What is sericulture?
- (d) Write the scientific name of lac insect.
- (e) Write one use of honey.

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5. Answer any one from the following questions :

- (a) Write a brief note on bee-dance.
- (b) Mention the uses of lac.

6. Answer any one from the following questions :

- (a) Mention the life cycle of silkworm with illustration. Add a note on the importance of silkworm. 4+4=8
- (b) Discuss the culture of lac for commercial production in detail. Add a note on shellac. 6+2=8

UNIT—III

7. Answer any four from the following questions :

- (a) Name one minor carp. 1×4=4
- (b) What is IMC?
- (c) Write the scientific name of common carp.
- (d) Name two catfishes.
- (e) What are commercial fishes? Give example.

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( Turn Over )

8. Answer any one from the following questions :

- (a) Name the different types of ponds used in fish culture.
- (b) Write the names of fishes used in composite fish culture.

9. Answer any one from the following questions :

- (a) Write in detail about the construction and management of ponds for fish culture.
- (b) Write short notes on the following :
  - (i) Composite fish culture
  - (ii) Ornamental fishes

UNIT—IV

10. Answer any four from the following questions :

- (a) What is animal husbandry? 1×4=
- (b) Name few livestock organisms of Assam.
- (c) Name a common cattle disease.

(d) What do you mean by vaccination schedule?

(e) Name a few ornamental fishes of Assam.

11. Answer any one from the following questions : 2

- (a) Mention two importance of animal husbandry in food production.
- (b) Write the characteristics of any livestock organism used in Assam.

12. Answer any one from the following questions : 8

- (a) Write about the animal husbandry with reference to cattle and buffalo population. Add a note on the food produced from these population. 5+3=8
- (b) Discuss the diseases affecting livestock animals. Add a note on the prevention of these diseases. 6+2=8

UNIT—V

13. Answer any four from the following questions : 1×4=4

- (a) What is poultry farming?

- (b) Name two Indian breeds of chicken.
- (c) Name one bacterial disease of poultry.
- (d) What is bird flu?
- (e) What is 'bioethics' in animal husbandry?

14. Answer any one from the following questions :

- (a) Write a short note on the viral diseases of poultry.
- (b) What is milking technique?

15. Answer any one from the following questions :

- (a) Describe various diseases of poultry mentioning the causes and their prevention. 4+4
- (b) Discuss the ethical considerations in using animals for animal husbandry practices.

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