

**2024/FYUG/EVEN/SEM/
ZOOIDC-151T/033**

FYUG Even Semester Exam., 2024

ZOOLOGY

(2nd Semester)

Course No. : ZOOIDC-151T

(Economic Zoology)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

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

SECTION—A

Answer any *twenty* of the following questions :

1×20=20

- 1. Define infectious diseases.**
- 2. What do you understand by epidemic?**
- 3. Name two endemic diseases.**
- 4. Define parasite.**

5. Name one zoonotic disease.
6. Define apiculture.
7. Write the scientific name of Muga silkworm.
8. Name the food plant of mulberry silkworm.
9. Write the scientific name of lac insect.
10. Name one State in India where lac culture is practised.
11. Define pisciculture.
12. Name one catfish.
13. What is composite fish culture?
14. Name one minor carp.
15. Define aquaria culture.
16. Define the term 'animal husbandry'.
17. What are livestock organisms?
18. Name two diseases of livestock.
19. What is vaccination?
20. Name two livestock productions of Assam.
21. Define poultry.
22. Mention two Indian breeds of chicken used in poultry.
23. Define broiler.
24. Name two indigenous cattle breeds of India.
25. Name one viral disease of poultry.

SECTION—B

Answer any five of the following questions : 2×5=10

26. What is a disease outbreak? Give examples.
27. Define ectoparasite and endoparasite.
28. What is the scientific name of honeybee? Name different castes of honeybee.
29. What is sericulture? Name two different types of silk.
30. Mention two advantages of composite fish culture.

31. Name two different types of ornamental fishes.
32. Write about two advantages of livestock organisms.
33. Mention two preventive measures for infectious diseases in cattles.
34. Distinguish between layer and grower chicken with example.
35. How are cattles selected for dairy purposes?
38. Write briefly about modern beehive. Name two instruments used for extraction of honey. Mention about two diseases of honeybees. $4+2+2=8$
39. What are the food plants for Muga silkworm? Write a brief note on various diseases and enemies of silkworm. Add a note on the uses of silk. $2+4+2=8$
40. Mention the factors that determine the suitability of fish for commercial production. Name two major carps used as commercial variety. Write the scientific name of one exotic carp used as commercial fish. $4+2+2=8$

SECTION—C

Answer any five of the following questions :

36. What do you understand by communicable and non-communicable diseases? Give two examples from each type. Mention the preventive measures for communicable diseases. $8 \times 5 = 40$
37. What is pandemic? Give example. Write briefly about the significant features of pandemic. $4+2+2=42$
41. Write short notes on the following : $4 \times 2 = 8$
- (a) Management of fishponds for fish culture
- (b) Steps involved in composite fish culture
42. What are the different food products obtained from animals? How are animals important sources of balanced food? Mention about the advantages of animal food products. $2+3+3=8$

43. Write short notes on the following :
- (a) Characteristics of any one of the livestock organisms used in Assam
 - (b) Any one common disease affecting the livestock and its prevention
44. Describe in detail about the ethical considerations in using animals for animal husbandry practices.
45. How is lactation in dairy cow managed? Add a note on the milking techniques.
