



B.Sc. III Semester (CBCS) Degree Examination, Nov/Dec - 2018

ZOOLOGY

Economic Zoology and Histology

Paper - Z - 3

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

1. Answer all questions.
2. Draw neat labelled diagrams wherever necessary.

SECTION - A

Answer any **FIVE** of the following in **ONE** or **TWO** sentences each. (5×2=10)

1. What is sting apparatus? Write its function.
2. Define polyculture. Write its importance.
3. What is pebrine disease? Name the causating agent.
4. What is In Vitro - Fertilization?
5. Mention the types of papillae of human tongue.
6. What are interstitial cells of leydig? Write its function.
7. Expand MSH, LTH, TSH and ACTH.

SECTION - B

Part - A

Answer any **FOUR** of the following in brief: (4×5=20)

8. Write a brief note on nutritive value of honey.
9. Explain briefly about cattle improvement programmes.



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10. Write a short note on methods of pearl culture.
11. Discuss briefly about nutritional deficiency diseases of fowls.
12. Write a brief note on sericulture by products.

Part - B

Answer any TWO of the following :

(2×5=10)

13. Explain the structure of T.S. of Thyroid gland of mammal with the help of neat labelled diagram.
14. Explain the T.S. of liver of a mammal with the help of neat labelled diagram.
15. Write a note on functions of papillae of human tongue.

SECTION - C

Part - A

Answer any TWO of the following in detail.

(2×10=20)

16. Describe the morphology of Bombyx Mori and rearing equipments of sericulture.
17. Write a detailed note on techniques of fisheries culture and its importance.
18. Discuss the scope and management of poultry farming.

Part - B

Answer any ONE of the following :

(1×10=10)

19. Illustrate the T.S. of small intestine of mammal with the help of neat labelled diagram.
20. Describe the C.S. of mammalian ovary with the help of neat labelled diagram.

