

**Sixth Semester B.Sc. Degree Examination, April/May 2019**

*(CBCS Scheme)*

**Zoology**

**Paper VII — APPLIED ZOOLOGY**

*Time : 3 Hours]*

*[Max. Marks : 90*

*Instructions to Candidates : Draw neat labelled diagrams wherever necessary.*

PART – A

- I. Answer any **TEN** of the following : **(10 × 2 = 20)**
1. Briefly explain Parasitism.
  2. Name the pathogen which causes Tuberculosis and Typhoid.
  3. Mention the symptoms of Syphilis.
  4. Write note on pathogenicity of *Wuchereria bancrofti*.
  5. What is non mulberry silkworm? Give an example.
  6. Name any two By-products of silk industry.
  7. Write a brief note on salting in preservation of Fishes.
  8. What is Desi breed of fowl? Give an example.
  9. List any two diseases of poultry.
  10. Write the composition of milk.
  11. Mention the advantages of Transgenic animals.
  12. What is cryopreservation of semen?

PART – B

- II. Answer any **SIX** of the following : **(6 × 5 = 30)**
13. Mention the symptoms, transmission and preventive-measures of Typhoid.
  14. Describe the life history of *Ancylostoma duodenale*.
  15. Briefly explain life history of *Wuchereria bancrofti*.

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16. With neat labelled diagram, explain silk glands of silk worm.
17. Explain Economic importance of Fisheries.
18. Discuss the importance of Egg in Combating Protein-Malnutrition.
19. What is Milch breed? List the characteristic features of Red Sindhi.
20. Briefly explain various steps involved in GIFT Technique.

### PART – C

- III. Answer any **FOUR** of the following : **(4 × 10 = 40)**
21. Give an account of Rickettsia Prowazekii.
  22. Write notes on :
    - (a) Muscurdine
    - (b) Grassarie
  23. Explain pond culture of Fishes.
  24. Mention the characteristic features of Sussex and Langshan fowl.
  25. Give a brief account of management of Dairy farm.
  26. Explain the production of mice by Retroviral Method.
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