



25020702

QP CODE: 25020702

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE
EXAMINATIONS, FEBRUARY 2025**

Sixth Semester

**CHOICE BASED CORE COURSE - ZY6CBT03 - VECTOR & VECTOR BORNE
DISEASES**

Common for B.Sc Zoology Model I, B.Sc Zoology Model II Aquaculture, B.Sc Zoology and Industrial Microbiology Model III Double Main, B.Sc Zoology Model II Food Microbiology, B.Sc Zoology Model II Medical Microbiology & B.Sc Biological Techniques and Specimen Preparation Model III

2017 Admission Onwards

F3E3924D

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Explain stage specificity with the help of a suitable example.
2. Define definitive host. Give examples.
3. Name the vectors of Malaria.
4. Mention two species of aedes mosquito.
5. Distinguish between cutaneous and mucocutaneous leishmaniasis.
6. Mention the antibiotics used in the treatment of anthrax.
7. What are the symptoms of typhus fever?
8. Define relapsing fever.
9. Comment on the advantages of vector control.
10. Mention the tse-tse fly control methods adopted in South Africa.
11. Define epidemiology.
12. How is epidemiology linked to public health?

(10×2=20)





Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Differentiate between biological and mechanical vectors.
14. With the help of a diagram explain the mouthparts of a bug and its feeding mechanism.
15. Explain the salient features of *Mansonia* mosquito.
16. Describe the alternatives to insecticides in vector control.
17. Describe the major types of vector control.
18. Discuss the symptoms, causes and preventive measures of AIDS.
19. Discuss in details the illeffects of tobacco use.
20. Give an account of rheumatic fever.
21. Discuss iodine deficiency disorders.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write an essay on the mouthparts of any three common vectors with suitable diagrams.
23. Write an essay on salient features and distribution of *Anopheles* mosquito.
24. Discuss in details the control measures for common insect vectors.
25. Describe the history of epidemiology.

(2×15=30)

