



QP CODE: 24000944



24000944

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

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

0BE1467D

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Differentiate between stenoxenous and euryxenous parasites.
2. Define principal host. Give examples.
3. Describe the precautions of dengue fever.
4. Mention two species of aedes mosquito.
5. Comment on Leishmania- HIV co infection.
6. Comment on hide-porters disease.
7. Comment on the surveillance and control of plague.
8. Define phthiriasis.
9. Comment on the advantages of vector control.
10. Differentiate between comprehensive vector control and integrated vector control.
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. Write an account on the mouthparts and feeding of a house fly.
15. Describe the salient features of *Aedes* mosquito.
16. Describe the alternatives to insecticides in vector control.
17. Explain the methods of control for tse-tse flies and sandflies.
18. Discuss the symptoms, causes and preventive measures of AIDS.
19. Give an account of asbestos induced lung cancer and its treatment.
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. Describe the detailed ecology of any five insect vectors.
23. Write an essay on salient features and distribution of *Anopheles* mosquito.
24. Write an essay on the history of vector control.
25. Describe the history of epidemiology.

(2×15=30)

