

Exam. Code : 107403
Subject Code : 1836

B.Sc. Biotechnology 3rd Semester

ZOOLOGY-C

Paper-BT-2

Time Allowed—3 Hours] [Maximum Marks—40

Note :— Attempt any **FIVE** questions, **fifth** question may be attempted from any section. Selecting at least **ONE** question from each section.

SECTION—A

1. Describe the life history and pathogenicity of *Plasmodium vivax*. What treatment is given to the infected person ?
8
2. What is the mode of infection, prophylaxis and treatment for the following :
(a) Plasmodium
(b) Trypanosoma
(c) Trichomonas
(d) Leishmania. 4×2=8

SECTION—B

3. Describe the histopathological changes that occur during development of cancer. 8
4. Describe the histopathological changes that occur during nephrosis. 8

SECTION—C

5. Write a note on the distribution and control of the vectors of :
(a) Dengue
(b) Malaria
(c) Yellow Fever 2.5+3+2.5
6. Write a note on the distribution and control of the vectors of :
(a) Haemorrhagic Fever
(b) Plague
(c) Epidemic Typhus
(d) Filariasis 2×4=8

SECTION—D

7. Give an account of Hepatitis and describe the prevention and therapy for this epidemic. 8
8. Describe the symptoms, drug therapy and eradication programs for :
(a) Cholera
(b) AIDS 4×2=8

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