

Exam. Code : 107403

Subject Code : 1838

B.Sc. Biotechnology 3rd Semester

ZOOLOGY-C

Paper : BT-2

Time Allowed—3 Hours] [Maximum Marks—40

Note :—(1) Section-A is compulsory, each question carries 1 mark.

(2) Attempt any **FIVE** questions from Section-B and **TWO** questions from Section-C.

SECTION—A

1. Write a very short answer of the following :—

(i) Pathogen

(ii) Prophylaxis

(iii) AIDS

(iv) Cancer

(v) Vectors

(vi) Mode of infection of Giardia

(vii) Secondary host

(viii) Facultative parasite.

1×8=8

SECTION—B

2. What is the mode of infection of Entamoeba ? 4
3. What treatment is used for infection of Leishmania ? 4
4. What is cirrhosis ?
5. When does a tumor become cancer ? 4
6. Give distribution of vectors of filariasis and dengue. 4
7. What are the control measures for the vectors of plague ? 4
8. Highlight the features of eradication program for hepatitis. 4
9. Why does drug resistance develop in pathogens ? 4

SECTION—C

10. Give a detailed account of life history and pathogenicity of Leishmania. 6
11. What types of histopathological changes occur during nephrosis ? 6
12. What are the control measures for the vectors of malaria, yellow fever and dengue ? 6
13. Give an account of typhoid and the drug therapy for such patients. 6