

Exam. Code : 107403

Subject Code : 2261

B.Sc. Biotechnology 3rd Semester

BT-2 : ZOOLOGY-C

Time Allowed—3 Hours]

[Maximum Marks—40

Note : Attempt ALL questions from Section-A, FIVE questions from Section-B and TWO questions from Section-C.

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SECTION-A

1. Write short notes on the following :

- (i) Commensalism
- (ii) Intermediate host
- (iii) Promastigotes
- (iv) Vector
- (v) Drug Resistance
- (vi) Prophylaxis
- (vii) Pathogen
- (viii) Disease caused by *Trichomonas*. 1×8

SECTION-B

2. Describe life history of *Leishmania*.
3. Explain histopathological changes in liver cirrhosis.

4. Write a note on distribution and control of Dengue.
5. What is drug resistance ? Explain.
6. Write a note on vector of plague and give its control measures.
7. What is Cancer ? Describe its types.
8. Write a note on eradication programmes for Cholera.
9. Describe mode of infection and prophylaxis of *Entamoeba*.

5×4

SECTION-C

10. Explain mode of infection and pathogenicity of *Trypanosoma*.
11. What is nephrosis ? Explain histopathological changes in this disease.
12. Discuss the distribution and control of the vector of Filariasis.
13. Give an account of disease Typhoid. Describe its occurrence and eradication programme. 2×6