

Exam. Code : 107404
Subject Code : 1679

B.Sc. (Bio Technology) 4th Sem. (Batch 2020-23)

ZOOLOGY-II

Paper-BTL256

Time Allowed—3 Hours] [Maximum Marks—40

Note :— Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The **fifth** question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. Explain the following :
 - (a) Miller and Urey experiment
 - (b) Special Creation Theory
 - (c) Primitive earth conditions.
2. Explain origin of multicellularity from unicellularity.

SECTION—B

3. What is Modern theory of evolution ? How it overcomes the drawbacks of previous theories ?
4. What is geological time scale ? Write a note on Mesozoic era.

SECTION—C

5. Give an account of the life history and mode of infection of *Plasmodium*.
6. Describe the life history, prophylaxis and treatment for the infection by *Ascaris Lumbricoides*.

SECTION—D

7. Describe distribution and control of the vectors of dengue and plague.
8. What are the control measures for the vectors of yellow fever, malaria, filariasis and epidemic typhus ?