

(i) Printed Pages : 2

Roll No. ....

(ii) Questions : 9

Sub. Code : 

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Exam. Code : 

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B.A./B.Sc.(General) 5<sup>th</sup> Semester

(2124)

**ZOOLOGY**

**Paper : II Applied Zoology—I Opt. (i) Medical Zoology & Medical Laboratory Technology—I (ZOO-502A)**

**Time Allowed : Three Hours]**

**[Maximum Marks : 36**

**Note :—** Attempt *five* questions in all, including Question No. 1 which is compulsory and selecting *one* question from each Unit.

1. Write notes on :—

- (a) Types of parasites.
- (b) Cholera.
- (c) Trophozoite of *Giardia*.
- (d) *Echinococcus*.
- (e) Eggs of *Ancylostoma*.
- (f) Intermediate host with examples.
- (g) Eggs and larva of *Anopheles*.
- (h) *Schistosoma*.

1×8=8

**UNIT—I**

2. Give an account of the epidemiology of dengue, its causative agent, symptoms and control measures. 7

3. Describe in detail any two epidemic diseases, their occurrence and eradication programmes undertaken. 7

## UNIT—II

4. Give a detailed account of the protozoan parasite *Leishmania*, its life cycle, pathogenicity and treatment. 7
5. Describe the life history and pathogenicity caused by *Plasmodium*. 7

## UNIT—III

6. Explain the life history, mode of infection and pathogenicity of the disease caused by *Trichinella*. 7
7. (a) Write a note on lymphatic filariasis. 3.5
- (b) Describe the life cycle and pathogenicity of the disease caused by *Oxyuris*. 3.5

## UNIT—IV

8. Justify *Anopheles culicifacies*, *Culex fatigans* and *C. tritaeniorhynchus* as arthropod vectors. 7
9. (a) Illustrate the life cycle of *Pediculus*. 3.5
- (b) Explain the diseases caused by *Xenopsylla cheopis* and measures to control the transmission. 3.5