

(i) Printed Pages: 2

Roll No.

(ii) Questions : 9

Sub. Code :

0	4	5	7
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Exam. Code :

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B.A./B.Sc. (General) 5th Semester

(2122)

ZOOLOGY (ZOO-502A)

Paper—II : Applied Zoology-I

Opt. (i) Medical Zoology & Medical Laboratory

Technology-I

Time Allowed : Three Hours]

[Maximum Marks : 36

Note :— Attempt *five* questions in all including Question No.I, which is compulsory and select **one** question from each unit. Draw neat and well labelled diagrams wherever required.

I. Describe the following :

- Define the terms : intermediate host and definitive host, give example.
- Give diagrammatic representation of trophozoite of *Giardia*.
- Pediculus humanus humanus* as vector.
- Mode of transmission of *Dracunculus medinensis*.
- Causes and symptoms of cholera.
- Black water fever.

(g) Write a short note on hydatid disease.

(h) Morphology of *fasciolopsis*.

8×1

UNIT—I

- II. Give an account on the Japanese encephalitis, its causative agent, symptoms, strategies against the infection, diagnosis and treatment. 7
- III. Explain the mode of transmission of Dengue, its symptoms, pathogenesis and diagnosis. 7

UNIT—II

- IV. Give an account on the life cycle, symptoms, pathogenicity and control measure of African sleeping sickness. 7
- V. Give an account of life history, mode of infection, pathogenicity, prophylaxis and treatment of *Giardia*. 7

UNIT—III

- VI. Give an account life history, mode of infection, pathogenicity, prophylaxis and treatment of *Schistosoma haematobium*. 7
- VII. Describe the life cycle, mode of transmission, symptoms, pathogenicity and treatment of *Ancylostoma duodenale*. 7

UNIT—IV

- VIII. Discuss the life cycle differences between *Anopheles*, *Aedes* and *Culex*, list the diseases transmitted by them along with the name of the pathogen involved. 7
- IX. Give an account on the diseases transmitted by the fleas, the causative agents and control measures. 7