

(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

(1129)

ZOOLOGY

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

Time Allowed : Three Hours]

[Maximum Marks : 36

Note :— (1) Question 1 is compulsory.

(2) Attempt 5 questions in all, selecting at least **one** from each unit.

(3) Draw neat diagrams in support of your answers.

1. Explain :

- (a) Incubation period.
- (b) Symptoms of Dengue.
- (c) Hydrated Sand.
- (d) Furcocercaria.
- (e) Disease caused by Pediculus.
- (f) Widal Test.
- (g) Kala azar.
- (h) Amastigote.

1×8=8

UNIT—I

2. Explain occurrence and eradication programme of typhoid in detail. 7
3. (a) Explain pathogenic microbe causing Tuberculosis.
(b) Control measure of Chikungunya. 4+3=7

UNIT—II

4. Explain life history of Trypanosoma. 7
5. (a) Prophylaxis and treatment of Entamoeba disease.
(b) Mode of infection and pathogenicity of Plasmodium. 4+3=7

UNIT—III

6. Explain life cycle of Schistosoma. 7
7. (a) Mode of infection and pathogenicity of disease caused by Echinococcus.
(b) Draw lifecycle of Fasciolopsis. 4+3=7

UNIT—IV

8. Explain life cycle and disease caused by Xenopsylla. 7
9. (a) Explain life cycle of Mansonia.
(b) Disease caused by Anopheles stepansi.
(c) Control measure of Aedes albopictus. 3+2+2=7