

**USCZOT09 - Core Paper-IX - Discipline Specific Elective - Zoology Paper-I :
Parasitology**

P. Pages : 1

Time : Three Hours



GUG/W/22/13119

Max. Marks : 50

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagram wherever necessary.

1. What is parasitism? Give an account on modes of infection. 10

OR

Write a note on-

- a) Sporogony. 5
- b) Life cycle of Trypanosoma. 5

2. Give an account on structure and life cycle of Fasciola hepatic. 10

OR

Write a note on-

- a) Ultrastructure of Body wall of parasite. 5
- b) Respiration in helminths. 5

3. Give an account on parasitic adaptations. 10

OR

Write note on-

- a) Treatment of Arthropoda parasites. 5
- b) Pathogenicity of Wuchereria bancrofti. 5

4. Give an account on pathogenesis and treatment of Tuberculosis. 10

OR

Write note on-

- a) Fungal diseases in fishes. 5
- b) Tse-Tse fly. 5

5. Write four or five lines on the following any ten. 10

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|-------------------|---------------------|
| i) Ookinete | ii) Sporozoit |
| iii) Communsulism | iv) Flame cell |
| v) Cuticle | vi) Flukes |
| vii) X.Cheopis. | viii) Elephantasis. |
| ix) Vectors | x) Flea |
| xi) Typhoid | xii) Dropsy |
