

B.Sc. (CBCS Pattern) Semester-V  
**USCZOT09 - Zoology Paper-I - Parasitology**

P. Pages : 1

Time : Three Hours



**GUG/W/24/13119**

Max. Marks : 50

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1. Describe Life Cycle of Plasmodium. Add a note on pathogenicity. 10
- OR**
- a) Host-Parasite relationship. 5
- b) Modes of Infection. 5
2. Describe Life Cycle of Fasciola hepatica. 10
- OR**
- a) Parasitic adaptations in Helminthes. 5
- b) Give brief account on respiration and excretion in Helminthes. 5
3. Describe Life Cycle of Wuchereria bancrofti. 10
- OR**
- a) Morphology of Xenopsylla Cheopis. 5
- b) Prevention and treatment for Arthropod born diseases. 5
4. Pathogenicity and treatment for bacterial and fungal diseases in fishes. 10
- OR**
- a) Flea as a vector. 5
- b) Pathogenicity and treatment of tuberculosis. 5
5. Write answers in two to four lines **any ten**. 10
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|------------------------------|---------------------|
| a) Secondary host            | g) Culex            |
| b) Tsetse fly                | h) <u>Pediculus</u> |
| c) African sleeping sickness | i) <u>Scabies</u>   |
| d) Flame cell                | j) Furunculosis     |
| e) Miracidium                | k) Zoonosis         |
| f) Acetabulum                | l) S. Typhi         |

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