

B.Sc.-III (CBCS Pattern) Semester - V  
**USCZOT09 DSE Core Paper-IX : Zoology Paper-I (Parasitology)**

P. Pages : 1

Time : Three Hours



GUG/S/23/13119

Max. Marks : 50

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

1. Describe the life cycle of parasitic protozoan Plasmodium and add note on it's preventive measures. 10

**OR**

Write notes on :

- a) Effect on the parasite by the host. 5
- b) Modes of infection of parasites. 5

2. Write an essay on structure and life cycle of Fasciola hepatica. 10

**OR**

Write notes on :

- a) Ultrastructure of body wall of parasites. 5
- b) Excretion of Helminthes parasite. 5

3. Describe the life cycle of Nematode parasite Wuchereria bancrofti. 10

**OR**

Write notes on :

- a) Parasitic adaptation in Nematodes. 5
- b) Morphology of Arthropod parasite Human lice. 5

4. Write an essay on pathogenicity of Tuberculosis and add a note on it's treatments. 10

**OR**

Write notes on :

- a) Pathogenicity and symptoms of Swine flu. 5
- b) Vector as disease transmitters, Bird flu. 5

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

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|----------------------|---------------------------|
| i) Endo parasite     | ii) Hyperplasia           |
| iii) Trypanosomiasis | iv) Heterogamy            |
| v) Acetabulum        | vi) Anaerobic respiration |
| vii) Elephantiasis   | viii) Arachnids           |
| ix) Trench fever     | x) Flavobacterium         |
| xi) Zoonotic disease | xii) Pneumonic plague     |

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