

## U.G. 6th Semester Examination - 2022

### ZOOLOGY

Course Code : BZOODSHC4 [DSE-4]

Course Title : Parasitology

Full Marks : 30

Time : 2 Hours

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **ten** questions: 1×10=10
- What is the intermediate host of *Leishmania donovani*?
  - Name the larval form of *Ancylostoma duodenale*.
  - Loffer's syndrome caused by which parasite?
  - Name one disease transmitted by *Xenopsylla*.
  - Elephantiasis caused by which parasite?
  - What is amastigote?
  - Tick borne disease caused by which parasite?
  - Name the vector of Trypanosomiasis.

- Which parasite named as Urinary blood fluke?
  - Name the causative agent of sleeping sickness.
  - What do you mean by wandering parasite?
  - What do you mean by haematophagy?
  - State any control measure of tick.
  - What is parasitoid?
  - What is giardiasis?
2. Answer any **five** from the following: 2×5=10
- What do you mean by accidental host and paratenic host?
  - Differentiate between lymphangitis and lymphadenitis.
  - What is Copulatory Bursa?
  - Name two drugs used for the treatment of giardiasis.
  - What is Loeffler's syndrome?
  - Why nurse cell is formed in Trichinellosis?
  - Difference between obligate and facultative parasite.
  - Why anaemia is common in *Ancylostoma duodenale* infection?

3. Answer any **two** of the following:  $5 \times 2 = 10$

a) Discuss the life cycle and pathogenicity of *Wuchereria bancrofti*.  $3+2$

b) Write down the structure of microfilaria.  
Explain nocturnal periodicity.

c) Write down short notes on:  $2 \frac{1}{2} \times 2$

i) Taeniasis

ii) Cookiecutter shark

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