

U.G. 6th Semester Examination - 2021

ZOOLOGY

Course Code : BZOODSHC4

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
- a) What is hyperparasitism?
 - b) What is rhabditiform larva?
 - c) What is gravid proglotid?
 - d) Write down the infective stage of *Ancylostoma duodenale*.
 - e) Write down the intermediate host of *Trypanosoma gambiense*.
 - f) Write down any mite-borne disease.

- g) Write down the causative agent of Leishmaniasis.
- h) What is miracidium larva?
- i) Name one gall forming nematode.
- j) Which parasite is called urinary blood fluke?
- k) What is Loffer's syndrome?
- l) Give an example of facultative parasite.
- m) What do you mean by paratenic host?
- n) Give an example of Hyperparasitism.
- o) Write down the scientific name of itch mite.

2. Answer any **five** questions: 2×5=10

- a) What is zoonosis?
- b) Differentiate between hard tick and soft tick.
- c) Name two diseases transmitted by *Xenopsylla*.
- d) What is Propagative and Cyclopropagative development?
- e) Compare Male and Female *Ascaris*.
- f) What is copulatory bursa?
- g) Name two drugs used for the treatment of Ascariasis.

h) Mention two symptoms of Leishmaniasis.

3. Answer any **two** questions: $5 \times 2 = 10$

a) Write down the life cycle and Pathogenicity of *Giardia intestinalis*. $3+2$

b) Describe about the lifecycle and prophylaxis of *Taenia saginata*.

c) Explain physiological specificity in host-parasite relationship.
