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UZOC110

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B. Sc. Course (CBCS) Ordinance (Sem-VI)
EXAMINATION MAY-2023
ZOOLOGY - PARASITOLOGY

[Time: 2 Hours]

[Max. Marks:80]

Instructions:

- 1) All questions are compulsory.
- 2) Figures to the right indicate marks allotted to the question
- 3) Illustrate your answers wherever necessary.

Q. I Answer any four of the following: (4x4=16)

- a) Define parasitism and state the classes of hosts.
- b) With the help of suitable examples explain mechanical interference by parasites.
- c) Sketch and label the surface view of *G.lambli*a.
- d) State the preventive measures to control malaria.
- e) Discuss the pathogenic effects caused by *H.nana*.
- f) Explain the process of development of eggs of *S.haematobium* inside a snail.

Q. II Write concise notes on any four of the following: (4x4=16)

- i) Cysts of *T.spiralis*.
- ii) Epidemiology of *A.duodenale*.
- iii) Ticks as vectors of disease.
- iv) Diseases transmitted by *Pediculus humanus*.
- v) Parasitic adaptations of *Candiru*.
- vi) Hood mockingbird as a vertebrate parasite.

Q.III A) List out the effects of host on the parasite. 6

OR

A) In a host-parasite relationship discuss immunity in parasitic infections. 6

B) Explain the process of Schizogony in *P.vivax*. 6

Q. IV A) Describe the morphology of promastigote form of *L.donovani*. 6

OR

A) Explain the methods of reproduction of *E.histolytica*. 6

B) Give an illustrative account of life cycle of *T.solium*. 6

Q. V A) Explain the life cycle of *A. lumbricoides*. 6

OR

A) Describe the process of larval development of *F.buski* in segmentina snail. 6

B) Discuss pathogenicity and treatment of *W.bancrofti*. 6

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Q.VI

A) Comment on the importance and control measures of mites.

6

OR

A) Write a note on Bedbugs and disease.

6

B) Write a brief account on Cookiecutter shark as a vertebrate parasite.

6