



OEZO211

Reg. No.

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II Semester B.Sc. Degree Examination, October - 2022

(Open Elective) ZOOLOGY

Parasitology

(NEP 2021-22 Scheme)



Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

- i) Draw neat labelled diagrams wherever necessary
- ii) Answer should be completely in English.

PART - A

I Answer any Five of the following:

(5×2=10)

1. Define host.
2. Name the disease caused by Schistosoma haematobium.
3. List any two control measures of Trypanosoma gambiense.
4. Give the mode of transmission of Ancylostoma duodenale.
5. Wuchereria bancrofti is a digenetic parasite. Justify.
6. Give the occurrence of Trichinella spiralis.
7. Expand RIA.

PART - B

II Answer any Five of the following.

(5×4=20)

1. Differentiate between mutualism and parasitism.
2. Sketch and Label Taenia solium.

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3. Mention the mode of infection, disease caused, and control measures of *Ascaris lumbricoides*.
4. Write a note on gall formation in plants.
5. List the advantages of Molecular diagnosis.
6. Explain Counter Current Immuno electrophoresis.

PART - C

III. Answer any Three of the following.

(3×10=30)

1. Explain the life cycle of *Entamoeba histolytica*.
 2. Mention the control measures of the following:
 - a) Ticks
 - b) Mites
 - c) Flea
 - d) Bug
 - e) Wasps.
 3. Give an account on
 - a) PCR technique.
 - b) Molecular Markers.
 4. Explain :
 - a) Parasitic adaptations in leech.
 - b) Parasitic behaviour in Cookicutter Shark.
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