

M.Sc. ZOOLOGY
FIRST SEMESTER
PARASITOLOGY
MSZ-104 (IDMn)

**SET
B**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Full Marks: 35

Time: 15 mins.

(Objective)

Marks: 10

Choose the correct answer from the following:

1×10=10

- How many longitudinal streaks are present in the females of *Ascaris lumbricoides*?
 - 4
 - 6
 - 8
 - 10
- What does digenetic mean for *Plasmodium vivax*?
 - Having two hosts
 - Having two vectors
 - Having two cycles – sexual & asexual
 - None of the above
- The common name of *Ancylostoma duodenale* is also known as:
 - Flatworm
 - Hookworm
 - Pseudoworm
 - Tapeworm
- The length of adult male of *Ancylostoma duodenale* is:
 - 5 - 7 mm
 - 7 - 9 mm
 - 8 - 11 mm
 - 12 - 15 mm
- Copulatory bursa is present in..... of *Ancylostoma duodenale*.
 - Male and Female
 - Juveniles
 - Females
 - Males
- Which of the following is a zoonosis?
 - Swine flu
 - HIV
 - Ebola
 - All of the above
- Postnuclear kinetoplast is found in:
 - Amastigote
 - Promastigote
 - Epimastigote
 - Trypomastigote
- Antenuclear kinetoplast is found in:
 - Amastigote
 - Promastigote
 - Epimastigote
 - Trypomastigote
- The infective form of *Trypanosoma* is the:
 - Crithidial
 - Metacyclic
 - Both of the above
 - None of the above

10. Which of the following is the vector of *Trypanosoma gambiense*?
- a. Man
 - b. Anopheles
 - c. Tsetse fly
 - d. Nose fly

(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

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| 1. Write about the following: | 5 |
| a) Zoonosis | |
| b) Nematodes | |
| 2. Write about the morphology and life cycle of <i>Trypanosoma gambiense</i> . | 10 |
| 3. Write about the general characters of Hemoflagellates with the different morphological classes. | 10 |
| 4. Write down the morphology and life cycle of <i>Ascaris lumbricoides</i> . | 10 |
| 5. Write down the characters and life cycle of <i>Ancylostoma duodenale</i> . | 10 |

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