

M.Sc. ZOOLOGY
FIRST SEMESTER
PARASITOLOGY
MSZ-104

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Time: 15 mins.

Choose the correct answer from the following:

1. Which of the following is not a zoonosis?
 - a. Salmonellosis
 - b. Tuberculosis
 - c. Ebola
 - d. HIV
2. Juxtannuclear kinetoplast is found in:
 - a. Amastigote
 - b. Promastigote
 - c. Epimastigote
 - d. Trypomastigote
3. Which of the following does not have a flagellum?
 - a. Amastigote
 - b. Promastigote
 - c. Epimastigote
 - d. Trypomastigote
4. The epimastigote form of *Trypanosoma* is the:
 - a. Crithidial
 - b. Metacyclic
 - c. Both of the above
 - d. None of the above
5. The definitive host of *Trypanosoma gambiense* is:
 - a. Man
 - b. Anopheles
 - c. Tsetse fly
 - d. Nose fly
6. Which among these is an infective stage in humans of *Plasmodium vivax*?
 - a. Merozoite
 - b. Trophozoite
 - c. Sporozoite
 - d. All of the above
7. The length of adult female of *Ancylostoma duodenale* measures _____.
 - a. 5 - 7 mm
 - b. 8 - 11 mm
 - c. 10 - 13 mm
 - d. 15 - 17 mm
8. The normal life span of a common hookworm is:
 - a. 5 - 7 years
 - b. 3 - 5 years
 - c. 1 - 3 years
 - d. 1 year only
9. The larva of *Ascaris* after hatching measures _____ in length.
 - a. 0.3 mm
 - b. 0.5 mm
 - c. 0.7 mm
 - d. 0.9 mm

2023/12

**SET
A**

Full Marks: 35

Marks: 10

1×10=10

10. The total number of postanal papillae in females of *Ascaris* is:
- a. 5 pairs
 - b. 20 pairs
 - c. 50 pairs
 - d. None of them

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(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) <i>Plasmodium vivax</i> | |
| b) Types of parasites | |
| 2. Write about the life cycle and pathogenesis 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 of nematodes. | 10 |

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