

**M.Sc. ZOOLOGY
FIRST SEMESTER
PARASITOLOGY
MSZ-104 (REPEAT)**
[USE OMR FOR OBJECTIVE PART]

**SET
A**

Duration: 1.30 hrs.

Full Marks: 35

Time: 15 min.

(Objective)

Marks: 10

Choose the correct answer from the following:

1X10=10

- Which of the following types of parasites enter the body of the host through external openings?
 - Obligate
 - Mesoparasitism
 - Ectoparasites
 - None of the above
- Which of the following parasite cannot survive without a host?
 - Obligate
 - Facultative
 - Mesoparasite
 - None of the above
- Which of the following was a zoonotic disease at first but now is a human only disease?
 - Ebola
 - Salmonellosis
 - HIV
 - All of the above
- Which of the following has the postnuclear kinetoplast?
 - Amastigote
 - Promastigote
 - Epimastigote
 - Trypomastigote
- Which of the following does not have a flagellum?
 - Amastigote
 - Promastigote
 - Epimastigote
 - Trypomastigote
- Which is the infective stage in humans of malaria parasite *Plasmodium vivax*?
 - Merozoite
 - Sporozoite
 - Mesozoite
 - All of the above
- The disease ground itch is caused by
 - Ascaris lumbricoides*
 - Taenia solium*
 - Fasciola hepatica*
 - Ancylostoma duodenale*
- The length of third stage infective larva of the common roundworm is
 - 0.5 mm
 - 1.0 mm
 - 1.5 mm
 - 2.0 mm

9. How many testis are found in the males of *Ascaris* sp.?
- a. One
 - b. Two
 - c. Multiple
 - d. None of the above
10. Three broad lips or labia are found in the mouth of *Ascaris* in all the regions except
- a. Mid dorsal
 - b. Sub ventral
 - c. Mid-ventral
 - d. Latero ventral

-- -- --

(Descriptive)

Time : 1 hrs. 15 min.

Marks : 25

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

- | | |
|---|----------|
| 1. Write about the pathogenicity of <i>Ancylostoma duodenale</i> . | 5 |
| 2. Write down at least 10 general characteristics of Phylum Nematoda. | 10 |
| 3. With clean labeled diagrams, explain the entire life cycle of malaria parasite <i>Plasmodium vivax</i> . | 10 |
| 4. What is Parasitism? What are the different types of parasitism?
Explain Zoonosis with examples. | 3+3+4=10 |
| 5. Explain the life cycle of <i>Trypanosoma gambiense</i> with proper illustration. | 10 |

= = *** = =