

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

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Full Marks: 35

(Objective)

Time: 15 mins.

Marks: 10

Choose the correct answer from the following:

1×10=10

- Which of the following is absent in Platyhelminthes?
 - Digestive system
 - Respiratory system
 - Exoskeleton
 - All of the above
- In the animals Platyhelminthes, the anterior end possess lateral projection is called as:
 - Cuticles
 - Tentacles
 - Auricles
 - Both a and b
- In the Class Cestoda, the anterior end has..... and it used to.....
 - Anus, attach to the hosts body
 - Scolex, attach to the hosts body
 - Culex, attach to the host's body
 - Mouth, attach to the host's body
- The scolex exvaginates in coming in contact of what?
 - Gastrin
 - Pepsin
 - Trypsin
 - Bile
- In Taenia solium which stages are pathogenic?
 - Worm
 - Cyst
 - Both a & b
 - None
- How many pairs of genital papillae are found in Ascaris male?
 - 50
 - 60
 - 80
 - 90
- An adult Ascaris male has..... number of longitudinal streaks.
 - 4
 - 6
 - 8
 - 10
- What is the life span of *Ascaris lumbricoides*?
 - 3 - 6 months
 - 6 - 9 months
 - 9 - 12 months
 - 12 - 15 months
- What many kinds of cephalic glands are present in *Ancylostoma duodenale*?
 - 2
 - 3
 - 5
 - 6

10. The Copulatory bursa in *Ancylostoma duodenale* is made up of..... rays.
- a. 11
 - b. 12
 - c. 13
 - d. 14

(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

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

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|---|----|
| 1. Write at least 10 characters of <i>Ascaris lumbricoides</i> . | 5 |
| 2. Write a note on the characteristics of Platyhelminthes. | 10 |
| 3. Write the general characters of cestodes with examples. | 10 |
| 4. Write a descriptive note on the life cycle of <i>Ancylostoma duodenale</i> . | 10 |
| 5. Write a note on the life cycle of <i>Ascaris lumbricoides</i> outside its definitive host. | 10 |

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