

M.Sc. ZOOLOGY
FIRST SEMESTER
PARASITOLOGY
MSZ-104

**SET
B**

[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

1. Spines, spicules and hooklets are all..... organs.
 - a. Detachment
 - b. Attachment
 - c. Excretory
 - d. Both a and b
2. The scolex evaginates in coming in contact of what?
 - a. Gastrin
 - b. Pepsin
 - c. Trypsin
 - d. Bile
3. Where the organ of attachment is mostly available in nematodes?
 - a. Tail
 - b. Abdomen
 - c. Mouth
 - d. All of the above
4. How many copulatory spicules are found in females of hookworms?
 - a. 2
 - b. 4
 - c. Multiple
 - d. None
5. The total maximum body length of a *Ascaris* adult female is:
 - a. 20 cm
 - b. 40 cm
 - c. 60 cm
 - d. 80 cm
6. Which of the following is absent in Platyhelminthes?
 - a. Digestive system
 - b. Respiratory system
 - c. Exoskeleton
 - d. All of the above
7. Cephalisation means differentiation of the body into a:
 - a. Scolex
 - b. Anus
 - c. Head
 - d. Pharynx
8. In *Taenia solium* which stages are pathogenic?
 - a. Worm
 - b. Cyst
 - c. Both a & b
 - d. None
9. Copulatory bursa is found in..... form of nematode.
 - a. *Ascaris*
 - b. *Ancylostoma*
 - c. *Taenia*
 - d. All of the above

10. What is the maximum size of fourth stage larva of an Ascaris?
- a. 3 mm
 - b. 4 mm
 - c. 5 mm
 - d. 6 mm

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(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

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

1. Write the general characters of cestodes with examples. 5
2. Write a note on the characteristics of Platyhelminthes. 10
3. Explain the life cycle of *Taenia solium* with diagram. 10
4. Explain the life cycle with diagrammatic representation of *Ascaris lumbricoides*. 10
5. Write a descriptive note on the parasitological aspects on mode, infection and host behaviour of at least two common parasites of India with diagrams. 10

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