

P-207

Total Pages : 3

Roll No.

MSCZO-501

Invertebrates

M.Sc. Zoology (MSCZO)

1st Semester Examination, 2023 (June)

Time : 2 Hours]

Max. Marks : 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. What do you mean by locomotion? Describe the mode of locomotion in protozoa

2. Differentiate between Flagella and Ciliary movement in Protozoa.
3. Write note on Patterns of feeding and digestion in lower metazoan.
4. Describe feeding mechanism and digestion in different classes of annelids.
5. Describe the tracheal system of insects and explain the mechanism of respiration in insects.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. Explain the mechanism of respiration in insects.
2. Write essay on Filter feeding in polychaeta.
3. Explain enterocoelomate and schizocoelomate animals.
4. Define hydrostatic movement in annelids.

5. Explain the types of coeloms.
 6. Write the significance of locomotion in protozoa.
 7. Describe feeding pattern in lower metazoans.
 8. Write a note on filter feeders.
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