

K-541

Total Pages : 3

Roll No.

MSCZO-501

INVERTEBRATES

M.Sc. Zoology (MSCZO)

1st Semester Examination, 2023 (Dec.)

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. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

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. Describe the nervous system of Annelids.
2. Describe the different types of excretory organs found in Arthropods.
3. Describe the tracheal system of insects and explain the mechanism of respiration in insects.
4. Describe the significance of coelome.
5. Describe the mode of locomotion in Protozoa.

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. Write a short note on nerve net.
2. Describe the cercaria larva of helminthes.
3. Write a short note on Acoelomata and pseudocoelomata.
4. Write a short note on filter feeder.

5. Write a short note on the respiratory pigments found in invertebrates.
 6. Write a short note on Ephyra larva & Zoea larva.
 7. Give the affinities of ctenophore with coelenterate.
 8. Write the evolutionary trends in invertebrate's nervous system.
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