

C298

Total Pages : 3

Roll No.

MSCZO-501

Invertebrates

M.Sc. Zoology(MSCZO-21)

1s Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) 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 Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Describe mode of locomotion in protozoans.
2. Describe feeding mechanism and digestion in different classes of annelids.

3. Describe the different types of excretory organs found in Arthropods?
4. Give a brief account of the different respiratory organs found in invertebrates.
5. Describe the various components of nervous system in echinoderms.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Write a note on locomotory organelles in protozoans.
2. Describe significance of coelom.
3. Write a note on different types of pseudopodia.
4. Write a note on filter feeders.
5. Write short notes on :
 - (a) Respiratory pigments found in invertebrates.
 - (b) Gill chamber of Prawn.

6. Differentiate between protonephridia and metanephridia.
 7. Explain the Bipinnaria larva.
 8. Write the importance and distinctive characters of rotifer.
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