

S-164

Total Pages : 3

Roll No.

MZO-501

Animal Diversity

M.Sc. Zoology (MSCZO)

1st Semester Examination, 2022 (Dec.)

Time : 2 Hours]

[Max. Marks : 35

Note : This paper is of Thirty Five (35) 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.

(2×9½=19)

1. Explain the recent trends in animal taxonomy.

2. Give the detail account of blood circulation of different types of fishes and amphibians.
3. Describe the structure and function of gills of vertebrate.
4. Write an essay on nervous system in various phyla of invertebrates.
5. Explain the merits and demerits of the different systems of classification.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only. (4×4=16)

1. Write a short note on excretory organs in Echinodermata.
2. Give a detail note on venous heart.
3. Briefly explain synapses.
4. What is photoreception? Describe.
5. Discuss the structure of mammalian skin.

6. Write a note on dermal derivatives of vertebrate integument.
 7. Describe senses organs in vertebrates.
 8. What are different types of Echinoderm larvae studied by you?
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