

S-1070

Total Pages : 3

Roll No.

ZO-501

Animal Diversity & Ecology

M.Sc. Zoology (MSCZO)

1st Year Examination, 2022 (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.

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. Discuss on the Circulatory system in Mollusca?

2. Explain in detail the systems of Classification?
3. Describe the Tundra and Taiga biome?
4. Write an essay on the types of Biodiversity?
5. What are the excretory products of nucleic acid in different mammals?

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. Briefly explain the Open and Closed Type Circulatory System?
2. What is the Phylogenetic systematic Taxonomy?
3. What are causes of extinction of wild life?
4. Explain the Ecosystem and Define the Biome?
5. Describe the structure of a freshwater system.

6. What is cardiac cycle?
 7. Write a short on Chemoreceptor's and Mechanoreceptors.
 8. Give only the diagrammatic representation of different type of vertebrate lungs?
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