

S-184

Total Pages : 3

Roll No.

MSCZO-508

Environmental Biology

M.Sc. Zoology (MSCZO)

2nd Semester 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. Explain different aspects of natality and mortality along with different survivorship curves.

2. What is succession? Explain hydrosere and succession in xeric habitat.
3. Discuss in detail various methods to control air pollution.
4. Explain the following :
 - (a) National park.
 - (b) Wildlife Sanctuary.
5. Elaborate various factors leading to diversity change.

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. Describe age structure and various age pyramids.
2. Explain population dispersion and its various aspects.
3. Elaborate habitat and different kinds of niche.
4. Discuss in detail the process of succession and its types.

5. What are particulate pollutants? Explain in detail giving examples.
 6. Explain Green House Effect and its role in global warming.
 7. Describe various threatened species.
 8. What are biosphere reserves? Explain its different zones and enlist biosphere reserves located at Uttarakhand.
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