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Total Pages : 3

Roll No.

ENS-504

Environmental Physics and Chemistry

M.Sc. Environmental Science (MSCES-23)

Ist 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. What are the mountains? Describe the detail classification of the mountains and its significance.
2. Describe in detail about the fire and its sources? Also discuss the positive and negative effects of fire.
3. What do you mean by topography? Explain in detail about the relief or topographical relief and elements of topography and relief.
4. What are the impacts of air pollution on human health? Discuss in detail.
5. Describe in detail about the physical characteristics of water.

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. Discuss the uses of emulsion in detail.
2. What are the effects of food dyes on human health? Explain.
3. Write a brief account on food additives.

4. Explain the Effects of light on plants.
 5. What is the role of visibility in ecosystem? Explain.
 6. Explain about the major lines of latitude on the climate and ecosystem point of view.
 7. Explain the following:
 - (a) Turbidity.
 - (b) Hardness in water.
 8. What are the factors affecting water transparency? Explain.
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