

P-511

Total Pages : 4

Roll No.

ESC-602

EIA and Waste Management-I

M.Sc. Environmental Science (MSCES)

3rd Semester Examination, 2023 (June)

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. Candidates should limit their answer 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.

(2×9½=19)

1. What is Environmental Impact Assessment? Describe in details the basic concept of Environmental Impact Assessment.

2. What is matrix method of Environmental Impact Assessment? Explain in details with suitable examples.
3. Write brief notes on any two of the following :
 - (a) Ad hoc method of Environmental Impact Assessment
 - (b) Water pollution
 - (c) Soil environment
 - (d) Cumulative Environmental Impact Assessment.
4. Define ground water environment? Describe the approaches used for the Environmental Impact Assessment of ground water.
5. What are different types of pollutions? Explain air pollution with suitable examples.

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. Describe the Environmental Water Quality Standards and Effluent Standards.

2. Define scoping. Explain the use of scoping in Environmental Impact Assessment.
3. Discuss in brief the approaches used for the Environmental Impact Assessment of biological environment.
4. What is environmental auditing? Explain with suitable examples.
5. Write short notes on any two of the following :
 - (a) Environmental hazards.
 - (b) Socio-economic environment.
 - (c) Biodiversity.
 - (d) Noise pollution.
6. Write short notes on any two of the following :
 - (a) Environmental framework.
 - (b) Energy audit.
 - (c) Importance of Biodiversity.
 - (d) Noise pollution.
7. What are the methods used for the Environmental Impact Assessment of human health environment? Explain with suitable examples.

8. What is solid waste? Describe the various methods used for solid waste management.
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