

K-790

Total Pages : 3

Roll No.

ESC-606

Air Pollution and Control Technologies-II

M.Sc Environmental Science (MSCES)

4th Semester Examination, 2023 (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. 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.

(2×9½=19)

1. Describe the origin and mechanism of vehicular emissions with suitable examples.
2. Define automobile air pollution. Describe the automobile air pollution in the context of Indian Scenario.
3. Define the Thermal Power Plants. Explain the role of Thermal Power Plants in air pollution.
4. Write short notes on any *two* of the following :
 - (a) Legal measures for the control of Automobile Emissions
 - (b) Classification of Vehicles and their role in pollution
 - (c) Steel Industries
 - (d) Noise pollution
5. Name the major Cement industries of India. Briefly describe their role in pollution.

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. What are the point sources of air pollution from automobiles? Briefly explain them.

2. List the Legal Measures of Automobile Emission Control. Briefly explain them.
 3. Describe the contribution of Oil Refineries in air pollution.
 4. Name the various sources of noise pollution. Briefly describe them.
 5. Describe the various ways of industrial noise Control.
 6. Write a brief note on characterization of sound and its nature of propagation.
 7. Explain the effects of noise on human health with suitable examples.
 8. Give the names and locations of the Thermal Power Plants in India.
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