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## **ESC-606**

### **Air Pollution and Control Technologies-II**

M.Sc. Environmental Science (MSCES)

4th 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.** Describe Types of vehicular pollutants and sources of vehicular pollution.

2. What are the important parameters to measure to find the air pollution caused by vehicles?
3. Explain the impact of thermal power plants on environment.
4. Describe the sources of pollution.
5. Discuss the impact of pulp and paper industry on environmental parameters.

### **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. Briefly describe the vehicle emission factors.
2. What is the impact of ozone from vehicular pollution?
3. Explain the uses of CNG.
4. Explain how sound is measured?
5. Define A- Weighted Decibel?

6. Explain effects of noise pollution on health.
  7. Discuss relationship between noise exposure and hearing loss.
  8. Discuss The Noise pollution rules, 2000 in India.
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