

**S-693**

Total Pages : 3

Roll No. ....

## **ESC-606**

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

M.Sc. Environmental Science (MSCES)

4th Semester Examination, 2022 (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.

### **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.** Discuss the status of vehicular pollution modelling in India?

2. Explain the control technologies for air pollution.
3. Explain the processes involved in steel making.
4. Describe in detail about the process involved in paper industry.
5. What is noise? Explain the characteristics of sound.

## **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. Comment on the control technologies for Gasoline fueled vehicles (Spark- Ignition Engines).
2. Explain the uses of CNG in detail.
3. What is noise? Explain the characteristics of sound.
4. Explain how hearing loss is measured.
5. What do you understand by transportation noise?

6. Discuss about control of highway traffic noise.
  7. What is transportation noise? Explain.
  8. List out the control measures that are available for controlling noise from industrial sources.
-

