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Roll. No. :

Examination Session June-2022

(Fourth Semester)

ESC-606

M.Sc. Environmental Science (MSCES-19)

[Air Pollution and Control Technologies - II]

Time : 2 Hours]

[Max. Marks : 40

Note : This paper is of Forty (40) marks divided into two (02) Section 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 Ten (10) marks each. Learners are required to answer any two (02) questions only. 2×10=20

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(1)

[P.T.O.]

1. What are the sources of pollution in steel industries ?
Explain their control measure in detail.
2. Describe the types of vehicular pollutants and its effects on health.
3. Discuss in detail about vehicular pollution in India.
4. What are the pollutants of cement industries ? Explain their control measure in detail.
5. Explain in detail about the noise pollution in industries and its prevention.

SECTION—B

(Short-Answer-Type Questions)

Note : Section 'B' contains eight (08) short-answer-type questions of Five (05) marks each. Learners are required to answer any four (04) questions only. $4 \times 5 = 20$

1. What are the impacts of air pollution ? Explain in detail.
2. Describe the Air (Prevention and Control of Pollution) Act 1981.
3. Discuss in detail about the source of pollution in the cement plant.
4. Describe the UNEP's efforts for ozone layer protection.
5. What are the impacts of industrialization on environment ? Discuss in detail.
6. Explain briefly the process of thermal power plant.
7. Explain in detail about the basic refinery process.
8. Differentiate between primary and secondary pollutants with suitable example.
