



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
 (AUTONOMOUS) (Grant-in-Aid)
 Affiliated to Sardar Patel University
 VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester-3) External Examination October- 2025
US03SEICH02 – INDUSTRIAL POLLUTION & SAFETY

Date: 09/10/2025, Tuesday

Time: 02:00 PM to 03:30 PM

Total marks: 25

NOTE: Figure to the right indicate full marks of the questions.

Q-1 Write the answer of following multiple-choice questions. (All are compulsory) [05]

- Which pollutants cause neurological damage?
 - Lead
 - Carbon monoxide
 - SO₂
 - Particulate matter
- _____ device is used to control gaseous pollutant.
 - Wet scrubber
 - Cyclone separator
 - Fabric filter
 - Electrostatic precipitator
- Which of the following is an inorganic pollutant?
 - Pesticides
 - Plastics
 - Bacteria
 - Heavy metals
- Sound above _____ decibel can be harmful.
 - 40
 - 30
 - 85
 - 60
- BOD is a measure of _____.
 - Bacterial content
 - Organic matter in water
 - Heavy metals
 - Suspended solids



Q-2 Write the answer of following long questions [10]

- Write a note on sources and adverse effect of air pollutants (CO and SO₂).
- Write a note on greenhouse effect and global warming.

OR

- Write a note on various composition of atmosphere.
- Describe air pollution control methods.

Q-3 Write the answer of following long questions [10]

- Describe in detail about waste water treatment.
- Classification water pollutant and explain.

OR

- Write a note on sources of water pollution and explain any one in detail.
- Write a note on pesticide pollution.

*****End of Paper *****