

No of printed pages: 01

Seat No.:



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 III) Internal Examination - 2025
US03SEICH01 : INDUSTRIAL POLLUTION AND SAFETY

Date: 26-09-2025 Day: FRIDAY

Time: 2:45 p.m. to 3:45 p.m.

Total marks :20

Note: Figures to the right indicate marks of the question.

Q-1 Write the most appropriate answer from the following multiple-choice questions. [06]

- 1 A group of interacting organisms and their environment is known as.....
(a) Community (b) Ecosystem
(c) Biosphere (d) Habitat
- 2 Major source of carbon monoxide in urban areas is.....
(a) Industrial emission (b) Volcanoes
(c) Motor vehicle exhaust (d) Agriculture
- 3 CFCs were commonly used in.....
(a) Air fresheners (b) Refrigerators and aerosols
(c) Fertilizers (d) Fuels
- 4 Eutrophication is caused by excessive.....
(a) Carbon dioxide (b) Phosphates and nitrates
(c) Iron (d) Zinc
- 5 Organic water pollutants include.....
(a) Phosphates (b) Lead
(c) Sewage (d) Arsenic
- 6 BOD is a measure of.....
(a) Bacterial content (b) Organic matter in water
(c) Heavy metals (d) Suspended solids

Q-2 [A] Define the term Atmosphere; write a note on composition of atmosphere. [07]

OR

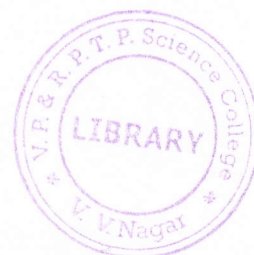
[A] Name the various air pollution control methods. Explain any one.

Q-3 Write the answer of following long Questions [07]

[B] Define the term water pollution. Write a note on sources of water pollution.

OR

[A] Describe BOD and COD in details.



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Supervisor sign.....
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Seat no.....



B.Sc (Semester-3) –Quiz-2025
US03SEICH01: INDUSTRIAL POLUTION & SAFETY

Date: 26/09/2025

Day: Friday

Total Marks: 05

Time: 10 Minutes

- Q-1** Fill in the blanks with the appropriate answer. **[5 Marks]**
- _____ Layer contains electrically charged particles and aids in radio communication.
1. _____
(Ionosphere/ Stratosphere)
 2. _____ Pollutant causes neurological damage.
(Lead/ Carbon Monoxide)
 3. _____ device is used to control gaseous pollutants.
(Wet Scruber/ Cyclone Separator)
 4. _____ is an inorganic pollutant.
(Heavy metals/ Plastics)
 5. Sound above _____ dB can be harmful.
(85/30)

