

MALABAR CHRISTIAN COLLEGE, CALICUT
FIFTH SEMESTER UG INTERNAL EXAMINATION, SEPTEMBER 2025

Open Course in Chemistry

CHE5D01 ENVIRONMENTAL CHEMISTRY

Time: One Hour

Maximum: 30 Marks

Name:				
Class:	Marks Scored	Section A		Total Marks
		Section B		
		Section C		

Section A

(Answer any 5 questions, each question carries 2 marks)

1. What are the major pollutants in automobile exhaust?
2. How acid rain is formed? Explain with reactions.
3. Write two pollutants containing sulphur and their toxicity.
4. Differentiate between persistent pollutant and non-persistent pollutant with suitable examples.
5. Give four functions of atmosphere.
6. Define the terms sink and receptor with suitable examples.
7. What is bioaccumulation?

Section B

(Answer any 2 questions, each question carries 5 marks)

8. Explain Eutrophication.
9. Differentiate between London smog and Los Angeles smog.
10. Discuss Minamata disaster.

Section C

(Answer any 1 question, each question carries 10 marks)

11. What are different types of water pollutants?
12. a) Describe ozone layer depletion and its effects on earth.
b) Write a note on green house effect and global warming.