

DEPARTMENT OF CHEMISTRY
SCHOOL OF PHYSICAL SCIENCES
FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

Course Code: CHM316

Course Title: Environmental Chemistry

Units: 2

Semester: 1

Instruction: Answer any 3 questions. **Time Allowed:** 2 hr

Q1(a) Define environmental chemistry

(b) With the aid of a diagram only, describe the fate of SO_2 in the environment as it connects various components of the environment

Q2(a) What is pollution?

(b) List the factors of pollution and explain any two of them

Q3(a) Describe the term “Water pollution”

(b) List the types of water pollution and explain any one (1) of them

Q4(a) Define sampling and give two (2) significance of sampling.

(b) An analyst wanted to determine the concentration of chromium in soils within Bosso Campus. He divided the campus into four(4) parts A, B, C and D. Describe the process of obtaining four (4) representative samples for the analysis.