Reg No:..... K24FY1217
Name :.....

First Semester FYUGP Chemistry Examination
NOVEMBER 2024 (2024 Admission onwards)
KU1MDCCHE102 (ENVIRONMENTAL STUDIES)

(DATE OF EXAM: 29-11-2024)

Time : 90 min Maximum Marks : 50

Part A (Answer any 6 questions. Each carries 2 marks)

1. List the different components of the lithosphere. 2
2. Explain the relationship between ozone depletion and UV radiation. 2
3. What are chlorofluorocarbons (CFCs) and their role in ozone depletion? 2
4. Define photochemical smog. 2
5. List any two effects of pollution on plants. 2
6. What is bioaccumulation? 2
7. Define thermal pollution. 2
8. Name two uses of solar energy. 2

Part B (Answer any 4 questions. Each carries 6 marks)

9. Explain the hydrological cycle and the processes involved in the hydrological cycle. 6
10. Discuss the effect of air pollutants on the respiratory system of humans. 6
11. Analyze how urbanization contributes to both air and noise pollution. 6
12. Evaluate the impact of industrial waste on the water pollution levels of nearby rivers. 6
13. Briefly explain any two disasters due to heavy metal poisoning. 6
14. Compare the energy output and safety of nuclear energy than other sources. 6

Part C (Answer any 1 question(s). Each carries 14 marks)

15. Explain the role of hydrosphere and lithosphere in the existence of life. 14
16. a)Compare the environmental effects of solar and nuclear energy as energy source.
    b)Explain the advantages of wind and biomass as energy source. 14

SIR SYED COLLEGE
CENTRAL LIBRARY