

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF INFORMATION SCIENCE
END TERM EXAMINATION - JUN 2023**

Semester : Semester IV - 2021

Course Code : CHE1018

Course Name : Sem IV - CHE1018 - Environmental Science

Program : BCA,BCV,BCG&BSD

Date : 9-JUN-2023

Time : 1.00PM - 4.00PM

Max Marks : 100

Weightage : 50%

Instructions:

- (i) Read all questions carefully and answer accordingly.*
- (ii) Question paper consists of 3 parts.*
- (iii) Scientific and non-programmable calculator are permitted.*
- (iv) Do not write any information on the question paper other than Roll Number.*

PART A

ANSWER ALL THE QUESTIONS

(10 X 2 = 20M)

1. Give any two examples of renewable energy resources. (CO3) [Knowledge]
2. Name any two major water pollutants. (CO3) [Knowledge]
3. Mention the name of the steps to treat wastewater. (CO3) [Knowledge]
4. What is species diversity? (CO2) [Knowledge]
5. Define biodiversity. (CO2) [Knowledge]
6. State two reasons for high population in urban areas. (CO3) [Knowledge]
7. What is environment? (CO1) [Knowledge]
8. Name the elements that recycle through biogeochemical cycle. (CO1) [Knowledge]
9. On the basis of population and population density, which areas can be called as 'urban areas'? (CO3) [Knowledge]

10. What is the unit used to measure thickness of Ozone layer?

(CO3) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(5 X 10 = 50M)

11. Describe the methods of conservation of biodiversity with example.

(CO2) [Comprehension]

12. Describe the sequential steps of water cycle. What are the human activities that alter the water cycle?

(CO1) [Comprehension]

13. Write the objectives of environmental studies.

(CO1) [Comprehension]

14. What are the major five species interactions? Explain with example.

(CO2) [Comprehension]

15. Discuss the major reasons of greenhouse effect. Explain the consequences of greenhouse effect. How greenhouse effect can be prevented?

(CO3) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

(2 X 15 = 30M)

16. Discuss in detail any three environmental problems in urban areas.

(CO3) [Application]

17. Explain the causes, effects and preventive measures of air pollution.

(CO3) [Application]