

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

SET B

**SCHOOL OF MEDIA STUDIES
END TERM EXAMINATION - JAN 2024**

Semester : Semester I - 2023

Course Code : CHE1020

Course Name : Environmental Studies and Sustainable Development

Program : BA Journalism and Mass Communication

Date : 17-JAN-2024

Time : 1:00 PM - 4:00 PM

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

4X5M=20M

1. Define the following terms hydrosphere, biosphere and Lithosphere. (CO1) [Knowledge]
2. Explain mega biodiversity and biodiversity hotspots. (CO2) [Knowledge]
3. Define biomedical hazards with suitable types of waste. (CO3) [Knowledge]
4. What is balance diet? Explain with Healthy Eating Food Pyramid. (CO4) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

5X10M=50M

5. Explain the different layers of atmosphere. (CO1) [Comprehension]
6. Write the different types of biodiversity and explain in detail. (CO2) [Comprehension]
7. Define Urban area. What are the main reason for high population in urban area? Write any 5 environmental problems in Urban area. (CO3) [Comprehension]

8. Explain the different methods by which soil conservation can be done. (CO4,CO3) [Comprehension]
9. What are the sources of fresh water? List out the overutilization of water resources and their controlling activities. (CO4,CO3) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

2X15M=30M

10. a) Classify the components of ecosystem. Discuss in detail. (10)
b) Write a note on major threats to the biodiversity. (5) (CO1,CO2) [Application]
11. a) What are 3 R's principle? How will you apply for waste management? (5)
b) Write the advantages and disadvantages of non-renewable and renewable energy resources. (10) (CO3,CO4) [Application]