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**PRESIDENCY
UNIVERSITY
BENGALURU**

School of Media Studies

Mid - Term Examinations - Nov 2024

Semester: I

Date: 08/11/2024

Course Code: CHE1020

Time: 02:00pm – 03:30pm

**Course Name: Environmental Studies and Sustainable
Development**

Max Marks: 50

Program: BAJ MC

Weightage: 25%

Instructions:

(i) Read all questions carefully and answer accordingly.

(ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Qx2M=10M

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|---|--------------------------------------------------|---------|------------|--------|
| 1 | Outline any two importance of hydrosphere. | 2 Marks | [Remember] | (CO 1) |
| 2 | Name four environmental problem. | 2 Marks | [Remember] | (CO 1) |
| 3 | Define natural ecosystem with suitable examples. | 2 Marks | [Remember] | (CO 1) |
| 4 | Name any two examples of abiotic resources. | 2 Marks | [Remember] | (CO 1) |
| 5 | Define (a) producers and (b) consumers. | 2 Marks | [Remember] | (CO 1) |

Part B

Answer ALL Questions. Each question carries 10 marks.

4QX10M=40M

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|---|---------------------------------------------------------|---------|--------------|--------|
| 6 | 6a. Explain five in-situ ways to conserve biodiversity. | 5 Marks | [Understand] | (CO 2) |
| | 6b. Explain the types of biodiversity briefly. | 5 Marks | [Understand] | (CO 2) |

or

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|---|--------------------------------------------------------|----------|--------------|--------|
| 7 | Describe the types of ecosystem with suitable example. | 10 Marks | [Understand] | (CO 2) |
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| 8 | 8a. Distinguish between natural and artificial ecosystem. | 5 Marks | [Understand] | (CO 2) |
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- 8b. Describe the factors affecting biodiversity. 5 Marks [Understand] (CO 2)
- or**
- 9 Describe the carbon cycle occurring in nature. 10 Marks [Understand] (CO 2)
- 10 Describe (a) predation (b) competition (c) parasitism (d) mutualism (e) commensalism with suitable example. 10 Marks [Understand] (CO 2)
- or**
- 11 Describe ecological succession and its types. 10 Marks [Understand] (CO 2)
- 12 Describe the water cycle occurring in nature. 10 Marks [Understand] (CO 2)
- or**
- 13 Explain how human beings are altering the water cycle and what are its consequences on environment. 10 Marks [Understand] (CO 2)