



**PRESIDENCY UNIVERSITY
BENGALURU**

SCHOOL OF ENGINEERING

MAKE UP EXAMINATION – JAN 2023

Course Code: CIV 102

Course Name: ENVIRONMENTAL SCIENCE AND DISASTER MANAGEMENT

Program : B Tech

Date: 30-JAN-2023

Time: 1:00 PM to 4:00PM

Max Marks: 100

Weightage: 50 %

Instructions:

- (i) Read the all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and Non-programmable calculators are permitted.

Part A [Memory Recall Questions]

Answer all the Questions. Each Question carries FIVE marks.

(5Qx 5M= 25M)

1. Define Environment? Explain the concept of environment with Figure? (C.O.No1) [Knowledge]
2. Define food chain and ecological pyramids? (C.O.No2) [Knowledge]
3. Define global warming? List any four greenhouse. (C.O.No3) [Comprehension]
4. Define sustainability? List the key elements of sustainable. (C.O.No4) [Knowledge]
5. List any five physical and chemical characteristics of water quality parameters. (C.O. No3) [Comprehension]

Part B [Thought Provoking Questions]

Answer all the Questions. Each Question carries TEN marks.

(3Qx10M=30M)

6. List and explain any four soil erosion control measures. (C.O.No1) [Knowledge]
7. Discuss any five lake types and organisms with examples. (C.O.No2) [Knowledge]
8. Discuss any five human population characteristics. (C.O.No4) [Knowledge]

Part C [Problem Solving Questions]

Answer all the Questions. Each Question carries FIFTEEN marks. (3Qx15M=45M)

9. a) Write any four indoor air pollutants and their sources.

b) Explain control measures for air pollution

(C.O. No3) [Comprehension]

10. a) What is carrying capacity? Explain the basic components of sustainability.

b) Discuss problems and solutions in achieving sustainable development.

(C.O. No4) [Knowledge]

11. a) List the objectives and salient features of Forest conservation act.

b) List any ten Govt. Schemes on women empowerment and child health.

(C.O.No4) [Knowledge]