



VI SEMESTER B.TECH (CIVIL ENGINEERING)
END SEMESTER EXAMINATIONS, MAY/JUNE 2022
SUBJECT: ENVIRONMENTAL MANAGEMENT [CIE 4303]

REVISED CREDIT SYSTEM

(_ / _ / 2022)

Time: 3 Hours

Max. Marks: 50

Instructions to Candidates:

- ❖ Answer ALL the questions
- ❖ Missing data may be suitable assumed.

Q.No		Marks	CO
1A.	Define Environmental Management. Explain briefly the characteristics of environmental management.	4	1
1B.	Justify the phrase "Think Globally act locally" in Environmental management	2	1
1C.	Explain the various approaches to achieve sustainable development	4	1
2A.	Who are the participants in Environmental management? Explain their roles in Environmental management.	4	2
2B.	Explain the operational framework for carrying capacity studies	4	2
2C.	Differentiate between continual improvement and continuous improvement	2	4
3A.	What is EIA? What are the limitations of EIA?	3	2
3B.	Explain the different types of Environmental tax.	2	2
3C.	Mention different types of Environmental Auditing. Explain in detail Activity audit and liability audit.	5	3
4A.	Differentiate between Resistant organization and Transcendent organization.	3	4
4B.	Explain the different variants in Life cycle assessment	5	3
4C.	Enlist the application of LCA for the corporate sector	2	3
5A.	Write a short note on (i). Ganga River basin Management plan (ii). Extended producer responsibility.	3	5
5B.	Explain the benefits of Environmental Design with any two examples.	4	5
5C.	Explain any three Environmental Design strategy used for green building.	3	5