



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

SIXTH SEMESTER B.TECH (OPEN ELECTIVE)

MAKEUP END SEMESTER EXAMINATION, APRIL-MAY 2024

ENVIRONMENTAL MANAGEMENT (CIE 4303)

(– 05 - 2024)

TIME: 3 HRS.

MAX. MARKS: 50

Note: 1. Answer all questions.

2. Any missing data may be suitably assumed.

Q. NO	QUESTION	MARKS	CO	BL
1A	Taking the anecdotal notes from the book “The book of the Hunter” by Mahasweta Devi, discuss the conflicts with the philosophy of Deep Ecology.	4	1	4
1B	Infer the strengths of brown agenda for sustainable development?	3	1	4
1C	Describe the concerns on justice as part of social, economic and ecological equity	3	1	3
2A	Distinguish between the phases involved in documentation of the impact assessment? What is the necessity?	4	2	4
2B	Explain how EIA facilitates decision making, and is an instrument for sustainable development?	3	2	4
2C	What is understood by consideration of alternatives in EIA?	3	2	3
3A	Examine how a nation’s development (or economy) and consumer behavior affect waste reduction and recycling towards waste LCA?	4	3	4
3B	Is Environmental Auditing a tool for EMS? What are its objectives?	3	3	4
3C	Distinguish between the different auditing types.	3	3	3
4A	Describe the Environmental Management System (EMS) framework	4	4	3
4B	What are the key principles of ISO?	3	4	3
4C	Using an example, highlight the benefit of implementing ISO.	3	4	4
5A	Analyze the problems of environmental taxes?	3	5	3
5B	Discuss on the problems in servicing debt of a nation? What is meant by structural adjustment in environmental economics?	3	5	4
5C	Explain the concept of greening of an economy by taking the case study of Curitiba, Brazil	4	5	4