



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

MANIPAL INSTITUTE OF TECHNOLOGY
SIXTH SEMESTER B.TECH (CIVIL ENGINEERING)
MAKE-UP SEMESTER EXAMINATION, MAY 2023
ENVIRONMENTAL MANAGEMENT (CIE 4303)

(– 05 - 2023)

TIME: 3 HRS.

MAX. MARKS: 50

Note: 1. Answer all questions.

2. Any missing data may be suitably assumed.

Q. N O	QUESTION	MARK S	CO	B L
1A	What is Environmental Justice? Give some examples of concern on environmental justice.	4	1	3
1B	Explain how the book 'Silent Spring' by Rachel Carson evolved the making of environmental policy.	3	1	4
1C	Write a note on the Tiwari Committee on Environment.	3	1	3
2A	Discuss on Impact Identification in Environmental Impact Assessment?	4	2	4
2B	What is the difference in scoping and screening in Environmental Impact Assessment?	3	2	4
2C	What is EIS in impact assessment? State the importance of different stages of EIS.	3	2	3
3A	What are the objectives of Environmental Auditing and where is it applicable?	4	3	4
3B	Explain the importance of the schema of Product Life Cycle using environmental effects	3	3	4
3C	What is the difference between midpoint category and damage category in LCA?	3	3	4
4A	What are the benefits of implementing ISO 14000 series?	4	4	3
4B	How is eco-labelling different from integrated product policies?	3	4	4
4C	State the importance of environmental carrying capacity in Environmental Design and Planning.	3	4	4
5A	Distinguish between shadow prices and green taxes. What are the problems of environmental taxes	4	5	4
5B	Identify the differences between use-values and non-use economic values using example.	3	5	4
5C	Why fisheries as natural stock is considered for environmental economics?	3	5	4