



# MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

## II SEMESTER B. TECH (CIVIL ENGINEERING)

END SEMESTER EXAMINATION, MAY 2023

ENVIRONMENTAL STUDIES (CIE 1072)

(23 – 05 - 2023)

TIME: 3 HRS.

MAX. MARKS: 50

Note: 1. Answer all questions.

Q. NO	QUESTION	MARKS	CO	BL
1A	How scientists have been able to reconstruct earth's CO <sub>2</sub> and average Antarctic temperature history?	5	1	2
1B	Why Ballari was like a republic unto itself?	5	1	2
2A	Explain any five key factors controlling soil formation.	5	2	2
2B	Discuss with suitable examples on how international agreements have played a key role in mitigating environmental issues.	5	3	1
3A	Explain with two examples how plastic waste can be used in road construction	5	3	2
3B	List down any five legal acts related to air pollution.	5	4	1
4A	Discuss the laws governing sustainable use of our water resources.	5	4	2
4B	Discuss the use of technology in disaster preparedness	5	5	2
5A	Discuss the role of any one nodal agency in disaster management with brief explanation of their forecasting system.	5	5	2
5B	Explain the structure of functioning of Disaster management authority in India	5	5	2