



# MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

## I SEMESTER B.TECH.

IN - SEMESTER EXAMINATIONS, JANUARY 19<sup>th</sup> - 2022

SUBJECT: ENVIRONMENTAL STUDIES [CIE 1052]

REVISED CREDIT SYSTEM

Time: 10:30 AM-12:00 PM

MAX. MARKS: 20

Note:

1. Answer all the questions

QNo	Question	Marks
1.	Describe how to infer scientifically the relation between impact of greenhouse gas composition on atmospheric temperature	3
2.	With a neat sketch explain how climate change affect biodiversity through temporal trophic mismatch	3
3.	Comment on the need of coastal protection in ecosystem conservation.	3
4.	Due to an exceptional warming of the eastern equatorial Pacific Ocean Chennai received record setting rainfall. Explain	3
5.	Explain two Environmental crises as follows: a) Concerns related to Marine pollution with the latest research. b) Agricultural wastes as a potential source of Water pollution.	4
6.	Mineral exploration defies environmental sustainability. Discuss with suitable example	4