



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
(A constituent unit of MAHE, Manipal)

2nd SEMESTER B.TECH.

IN - SEMESTER EXAMINATIONS, June 16th - 2021

SUBJECT: ENVIRONMENTAL STUDIES [CIE 1052]

REVISED CREDIT SYSTEM

Time: 2 Hours

MAX. MARKS: 30

Note: 1. Each questions carry 5 marks

2. Answer all the questions

1. Discuss the contributions of the i) Keeling curve and ii) Ice core data in identifying the global warming issues.
2. Why is rain water harvesting necessary? Explain the ways in which rain water can be harvested.
3. What do you mean by Thermal Shock in the context of water pollution? Is it serious? How does it affect the fishes?
4. Explain how the health of an Eco-system could be assessed through the energy pyramid? Interpret the significance of the right scale of slope in an energy pyramid, discuss those prominent factors which support to maintain the right scale of the slope.
5. Government of India introduced a string of policies which included introduction of high-yield variety (HYV) seeds in the year 1960 for agricultural sectors. Explain.
6. Explain with a case study technological advancements to overcome Noise pollution in India.