

Question Paper

Exam Date & Time: 30-Dec-2018 (08:30 AM - 11:30 AM)



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

FIRST SEMESTER B.TECH END SEMESTER MAKEUP EXAMINATIONS, DEC 2018

Environmental Studies [CIE 1052 - 2018 -CHM]

Marks: 50

Duration: 180 mins.

A

Answer all the questions.

Instructions to Candidates: Answer ALL questions

- 1) Discuss the various subject areas of green technology. (3)
 - A)
 - B) Why India is called a Mega- Diversity nation? Explain any three methods of ex-situ conservation of biodiversity. (5)
 - C) What are the problems faced in the biodiversity conservation? (2)
- 2) Illustrate with a neat sketch how a barrage can turn the tidal energy into usable energy. (3)
 - A)
 - B) Explain how the land pollution from the following items can be controlled. (4)
 - a) Metals b) Glass
 - C) Enumerate the measures that can be taken to control noise pollution. (3)
- 3) Describe Pelagic and Littoral zones of an Ocean ecosystem. (5)
 - A) Illustrate with a neat sketch the stratification of an ocean ecosystem based on its density.
 - B) Discuss India's contribution to world mineral production. (2)
 - C) Discuss any six air pollution related laws/legislations that have come into effect in India. (3)
- 4) Discuss any six functions of Central Pollution Control Board. (3)
 - A)
 - B) List out any six factors which are responsible for the scale of disaster. (3)
 - C) Explain with a neat sketch the different phases in disaster (4)

management cycle.

- 5) Describe the lessons learned from the following prominent environmental movements: (4)
- A)
 - a) Narmada Bachao Andolan
 - b) Beej Bachao Andolan
 - B) Describe the role of Neerkatti's in water management. (4)
 - C) Why local communities in Odisha vetoed bauxite mining? (2)

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