

Question Paper

Exam Date & Time: 09-Mar-2021 (02:00 PM - 05:00 PM)



FIRST SEMESTER B.TECH END SEMESTER EXAMINATIONS, MARCH 2021 ENVIRONMENTAL STUDIES [CIE 1052 - 2020 -CHM]

Marks: 50

Duration: 180 mins.

A

Answer all the questions.

Instructions to Candidates: Answer ALL questions Missing data may be suitably assumed

- 1) What is the significance of understanding the Ozone Layer Depletion issue? How do you infer on the NASA report in this context? (4)
A) Why is NGT Act, 2010 formed? State the principles on which the decisions are taken and write any two acts/laws that NGT deals with.
B) What is permafrost? What information is extracted from the ice-core drilling?
C) Explain the significance of sensibly handling the Watershed, for preventing a drought and/or a flood in the context of water resource management.
A) What is ecological pyramid? Explain the different types of ecological pyramid.
B) Define Anthropogenic. 21st century is witnessed as a century of spectacular catastrophes. Justify.
C) With the help of a flow chart explain the various methods adopted to conserve biodiversity.
A) Discuss the steps involved in the Environmental Impact Assessment.
B) Natural systems (agriculture and forest ecosystem) provide society with many goods and services. Justify.
4) With the help of a neat sketch, explain the various phases that constitute Comprehensive Disaster Management.
A) Brief on Thermal pollution. List causes and interpret the possible dangers imposed on mankind.
B) Write a note on the Coastal Regulation Zone Notification - 1991
5) Discuss the importance of wetland conservation in India with a case study. (4)
A) Cite the main reasons behind mismanagement and its consequences.
B) Explain the challenges faced by power sector in India and suggest the

solutions to revive the same.

- C) With a case study explain any Man-made disasters in the past.

(2)

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