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MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL

A Constituent Institution of Manipal University

II SEMESTER M.TECH. (ENVIRONMENTAL ENGINEERING)
END SEMESTER EXAMINATIONS, APRIL/MAY 2017
SUBJECT: ENVIRONMENTAL MANAGEMENT [CIE-5244]
REVISED CREDIT SYSTEM

(27/04/2017)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitable assumed.

1A.	Mention the characteristics of Environmental Management.	2
1B.	"River Ganga is dying many times from Gangotri to Gangasagar". What are the measures taken by the government to clean up River Ganga? In your view how this holy river can be cleaned up?	4
1C.	Explain the techniques used in Environmental valuation.	4
2A.	What are EPIs? Explain with suitable examples any four cleaner production strategies.	5
2B.	Explain environmental ethics and its importance in Environmental Management.	3
2C.	Write a short note on extended producer responsibilities with examples.	2
3A.	Discuss briefly the methodologies used in EIA.	5
3B.	Explain in detail client driven Environmental Audit.	5
3C.	What are the problems associated with Environmental tax	2
4A.	Explain the step by step procedure for EMS certification.	5
4B.	What is Life cycle assessment? Explain in detail the phases of Life cycle assessment.	5
5A.	Discuss the ten point strategy classification of companies based on their environmental performance.	5
5B.	With an example discuss the strategies for Environmental Design in product manufacturing.	5