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MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL
(A constituent unit of MAHE, Manipal)

II SEMESTER M.TECH. (ENVIRONMENTAL ENGINEERING)

END SEMESTER EXAMINATIONS, APRIL/MAY 2019

SUBJECT: ENVIRONMENTAL MANAGEMENT [CIE 5244]

Date of Exam:

Time of Exam

MAX. MARKS: 50

Instructions to Candidates:

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

Q. No		Marks	CO
1A.	Explain the characteristics and goals of Environmental Management.	4	CO1
1B.	Define sustainable development. Explain the components of sustainable development.	4	CO1
1C.	Write a short note on Environmental ethics.	2	CO1
2A.	Discuss briefly the basic principles of international law.	3	CO2
2B.	Discuss the operational framework for carrying capacity studies.	4	CO2
2C.	Write a short on Ganga river basin management plan.	3	CO2
3A.	With a neat sketch explain the application of EIA in project life cycle.	4	CO3
3B.	State the limitations of EIA.	3	CO3
3C.	Explain briefly the objective based environmental Auditing.	3	CO3
4A.	Explain the step by step procedure for EMS certification.	5	CO4
4B.	Differentiate between Resistant organization and Transcendent organization.	3	CO4
4C.	Discuss the problems associated with environmental taxes.	2	CO5
5A.	Explain the strategies for Environmental Design in product manufacturing stating any two example.	5	CO5
5B.	Explain the different types of valuation technique for environmental valuation.	5	CO5