

Reg. No.									
----------	--	--	--	--	--	--	--	--	--



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
A Constituent Institution of Manipal University

VII SEMESTER B.TECH. (CIVIL ENGINEERING)
END SEMESTER EXAMINATIONS, NOV/DEC 2016

SUBJECT: ENVIRONMENTAL IMPACT ASSESSMENT AND AUDITING
[CIE 431]

REVISED CREDIT SYSTEM
(25/11/2016)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ANY FIVE FULL** questions.
- ❖ Missing data may be suitable assumed.

1A.	Explain various steps in Environmental Impact Assessment with the flow diagram.	6
1B.	Define EIA and explain various types of EIA.	4
2A.	Develop a sequence diagram for highway projects using Network methodology.	6
2B.	Explain various criteria for selecting EIA methodologies.	4
3A.	Explain the conceptual framework involved in baseline data collection.	6
3B.	Briefly explain quality of life index.	4
4A.	Explain the various steps involved in prediction and assessment of biological environment.	6
4B.	Explain the different terms of sound level measurements.	4
5A.	Explain rational planning model with the flow diagram.	6
5B.	Describe the general aim involved in public participation.	4
6A.	Explain various phases involved in EIA report writing	3
6B.	Explain the principle of environmental monitoring.	3
6C.	List various types of environmental auditing.	4