

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



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
A Constituent Institution of Manipal University

I SEMESTER B.TECH.

END SEMESTER EXAMINATIONS, NOV/DEC 2016

Subject: ENVIRONMENTAL STUDIES [CIE 1002]

REVISED CREDIT SYSTEM
(/ /2016)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

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

1A.	Differentiate the following: a) Continental and oceanic crust b) Asthenosphere and Core-mantle boundary c) Transform boundaries and convergent boundaries	06	CO1
1B.	Depict water cycle with a neat labelled diagram.	02	CO2
1C.	Briefly explain any two layers of atmosphere with a neat diagram.	02	CO1
2A.	What is an estuary? Give any eight characteristics of an estuary.	05	CO3
2B.	Explain the in-situ and ex-situ biodiversity conservation strategies.	05	CO4
3A.	Explain the causes and effects of air pollution.	03	CO6
3B.	How can you, as an individual, prevent environmental pollution & why do you think it is important?	03	CO6
3C.	Describe the problems associated with over exploitation of forest resources.	04	CO5
4A.	Protecting the global environment has emerged as one of the major challenges in international relations. List out some of the international level meetings and their priorities in environment protection.	03	CO8
4B.	Waste as a resource: substantiate the statement with the help of examples.	03	C10
4C.	What is environmental audit? Give an outline of audit procedures.	04	CO7
5A.	Define watershed management and briefly explain the procedure.	03	CO9
5B.	Briefly discuss advantages and disadvantages of river linking projects in India.	03	CO9
5C.	Write a short note on application of remote sensing and GIS in disaster management.	04	CO9