

TED (10)–2003

Reg. No.

(REVISION—2010)

Signature

SIXTH SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/
TECHNOLOGY—MARCH, 2013

ENVIRONMENTAL SCIENCE AND DISASTER MANAGEMENT

(Common for all branches)

[Time : 3 hours

(Maximum marks : 100)

PART—A

(Maximum marks : 10)

Marks

I Answer all questions in one or two sentences. Each question carries 2 marks.

1. What is deforestation ?
2. Give two examples of successful Indian attempts in water conservation.
3. What is Omnivores ?
4. Write any two control measures of marine pollution.
5. What are Flood mitigation measures ?

(5×2=10)

PART—B

(Maximum marks : 30)

II Answer *any five* of the following questions. Each question carries 6 marks.

1. Differentiate between water logging and salinity.
2. Discuss effects of dams on forest and tribal people.
3. Explain the different types of ecological pyramid.
4. List and explain four fundamental noise control techniques.
5. Explain the different types of ecological succession.
6. What is the significance of conducting Medical Camp ?
7. Distinguish between environmental hazard and disaster.

(5×6=30)

PART—C

(Maximum marks : 60)

(Answer *one* full question from each unit. Each question carries 15 marks.)

UNIT—I

III Discuss role played by non conventional energy resources towards the protection of Environment.

15

OR

	Marks
IV Discuss the economic importance of forest.	15
UNIT—II	
V Explain structure and function of Desert ecosystem.	15
OR	
VI Explain structure and function of Aquatic ecosystem.	15
UNIT—III	
VII Explain :	
(a) Effects of water pollution.	6
(b) Control measures of preventing water pollution.	9
OR	
VIII Explain :	
(a) Role of an individual in prevention of pollution.	9
(b) Discuss the sources of thermal pollution.	6
UNIT—IV	
IX (a) Explain the three stages of disaster management.	9
(b) What are the general causes for land slide ?	6
OR	
X Explain :	
(a) The causes and effects of Tsunami.	9
(b) What are the causes of Drought ?	6

MADIN POLYTECHNIC College