TED (10) –2003	Reg. No.
(REVISION—2010)	Signature
SIXTH SEMESTER DIPLOMA EXAMINATION TECHNOLOGY—MARCH, 20	M. Control Country Cou
ENVIRONMENTAL SCIENCE AND DISASTER (Common for all branches)	MANAGEMENT
	[Time: 3 hours
(Maximum marks: 100)	
PART—A	Marks
(Maximum Marks : 10)	er frankliger fra 1900 frankliger fra fil. Oktober 1900 frankliger fra 1900
I Answer the following questions in one or two sentences. Each	ch question carries 2 marks.
1. Define deforestation.	
2. Give your idea on the biotic components of an ecos	system.
3. List some sources of thermal pollution.	
4. What is meant by Metereological drought?	
5. List two non-renewable energy resources.	(5x2=10)
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PART—B (Maximum Marks : 30)	
II Answer any five of the following questions. Each question	n carries 6 marks.
1. Give the impact of mining on environment and human	
2. List four methods of harvesting solar energy.	. comgs.
3. List the characteristics of a Forest Ecosystem.	
 Elaborate the term 'Ecological Pyramid'. Name the dif pyramids. 	ferent types of Ecological
5. Write short notes on Ozone layer depletion and its ha	armful effects
6. Give the use of Hazard zonation maps. Which techn for this purpose.	5 a
7. Give the impacts of lightning.	(5x6=30)
PART—C (Maximum Marks: 60)	
(Answer one full question from each unit. Each full que	estion carries 15 marks.)
$U_{ m NIT}-I$	
III (a) Elaborate on forests as a resource.	8
(b) Explain the effects of deforestation on environment.	
	7
Or	

		ing M	larks
IV	(a)	Give the negative impacts of dams on human beings and environment.	8
	(b)	The second agreement to introduce the chiving of the chiving the c	7
		$\mathbf{U}_{\mathbf{N}}\mathbf{U}_{N$	
V	(a)	Write short notes on the structure and functions of 'Desert ecosystems'.	8
	(b)	Give the characteristics of the Grass land ecosystem.	7
Part I		OR	
VI	(a)	Give the characteristics of fresh water ecosystems. Name the different types of fresh water ecosystems.	8
	(b)	What is the function of tropic levels? Name the different tropic levels.	7
ariti	7	Unit – III	
VII	(a)	Explain the various control mechanisms for preventing water pollution.	9
.:	to March	List some of the sources of Nuclear hazards.	6
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VIII	(a)	Explain the various measures to control the urban and industrial wastes.	9
	(b)	Write short notes on the various types of wastes.	6
Ast	e4 5 <u>V</u> _	$oldsymbol{U}_{NIT} - \mathbf{IV}$	
(i)) - IX		Write short notes on 'Bhopal Gas Tragedy'.	0
	(b)	Discuss the causes and impacts of Tsunami.	6
	e L	(()) Version OR (1) (2) (2)	
X	(a)	Explain the various stages of Disaster Management.	9.
	(b)	List the main causes of floods.	6
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