	Enrollme	ent No:	1	Exam Seat No:				
				IVERSITY		_		
	Winter Examination-2019							
	Subject 1	Name: Environmental S	Studies					
	Subject (Code: 4TE01ENS1		Branch: B.Tech (All)				
	Semester	r:1 Date: 27/1	1/2019	Time: 02:30 To 05:30	Marks: 70			
	Instructions: Use of Programmable calculator & any other electronic instrument is prohibited. Instructions written on main answer book are strictly to be obeyed. Draw neat diagrams and figures (if necessary) at right places. Assume suitable data if needed. 							
Q-1	a)	Attempt the following Define the terms 'Litho	-			(14)		
	b)	Enumerate the compon	ent of environmen	t.				
	c)	What is the name of ex	haustible energy?					
	d) How many hotspots are identified in worldwide?							
	e)	Give any two abiotic co	omponents of aqua	tic ecosystem.				
	f)	What are the sources of	f water pollution?					
	g)	Enlist the factors leading	ng to deforestation.					
	h)	How many layers in att	mosphere?					
	i)	What is meant by 'Biod	diversity'?					
	j)	Define Potable water.						
	k)	What is genetic diversi	ty?					
	1)	Differentiate between s	sound and noise.					
	m)	Enlist the endangered s	species of India.					
	n)	What is meant by disas	ter management?					

Attempt any four questions from Q-2 to Q-8

Attempt all questions

Q-2

(14)

(a) Differentiate between renewable and non-renewable resources.

04

(b) Explain Forest ecosystem.

05



	(c)	Discuss problems associated with the over exploitation of water resources.	05
Q-3	(a)	Attempt all questions What is land degradation and what are the causes of land degradation?	(14) 08
	(b)	Explain the structure of environment with neat sketch.	06
Q-4		Attempt all questions	
	(a)	Write a short note on Food chain and Food web.	06
	(b)	Explain effect of air pollution on human being and animals.	06
	(c)	What is meant by solid waste management?	02
Q-5		Attempt all questions	(14)
	(a)	What are the threats of biodiversity in view of habitat loss and man-wild life conflicts?	06
	(b)	Explain Eutrophication. Highlights causes and effects of eutrophication on lake.	08
Q-6		Attempt all questions	
	(a)	Explain the effect and control measures of noise pollution.	06
	(b)	Discuss the chipko movement.	04
	(c)	How to create a public awareness about environment conservation.	04
Q-7		Attempt all questions	(14)
	(a)	Explain in detail bio-geographical classification of India.	07
	(b)	Write short note on any two natural disasters and its mitigation measurement.	07
Q-8		Attempt all questions	(14)
	(a)	How do you justify India as a mega diversity nation? Explain it.	08
	(b)	Describe "Environmental Protection Act 1986"	06

