KIJ Code No: 113AF

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B.Tech II Year I Semester Examinations, February/March - 2016 **ENVIRONMENTAL STUDIES**

(Common to ME, AE, MIE, MSNT, AGE)

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150 TO 15	Tin	(Common to ME, AE, MIE, MSNT, AGE) 1e: 3 Hours Max. Marks: 75	er Enj
		e: This question paper contains two parts A and B.	
	1100	Part A is compulsory which carries 25 marks. Answer all questions in Part A.	
30.06		Part B consists of 5 Units. Answer any one full question from each unit.	
43.4.		Each question carries 10 marks and may have a, b, c as sub questions.	127
* .		Each question current to marks and may have a, o, o as sub questions.	
		PART- A [25 Marks]	
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	b)		
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	f)		
	g)) What is Acid Rain? [2]	
1999	h)		252
,	i)		
a 14 Table 4	j)	Write short notes on Low Carbon Life Style. [3]	
5167			205 FH
اير بالماير		PART_B [50 Marks]	N.FR
	2.a)	Explain about the Grass Land Ecosystem and its functions.	
. 5	b)	Describe the Aquatic Ecosystems.	
Part A	c)	Explain the phenomenon of ecological succession.	Figur Figur
	. 2 a)	Evaluin the tour "Day of Carry "Carry	
	3.a)	Explain the terms "Producers", "Consumers" and "Decomposers" in an Ecosystem. Explain the terms "Food Chain" and "Food Web" with suitable examples.	ď.,
jän.	b) c)	Write notes on the Desert Ecosystem. [4+3+3]	Ø.
	C)	Which notes on the best directly stem.	detai.
	4.a)	What are Mineral Resource? Discuss the use and exploitation mineral resources.	
	b)	What are World Forest Problems? Suggest measures for solving World Food Problems.	
	c)	Write an essay on renewable and non – renewable recourse of energy. [4+3+3]	
		OR	
	5.a)	Write an essay on Land Recourses. What are "Soil Erosion" and "Desertification".	
	b)	Explain the natural cycles of atmosphere. How do these cycles maintain Balance of	oft-nan
	•	Nature?	
	c)	Explain different benefits of forests. [4+3+3]	: '
.di.dain		and the state of t	
	6.a)	List some causes of extinction of wild life?	12.7%
٠.	b)	Explain the concept of Bio-diversity and its legislation in India.	
	c)	Describe the significance of the "Earth Day" and the "World Environment Day". What	
		are the resolutions of the Earth Summit? [4+3+3]	
	- \	OR	
•	7.a)	Classify the types of biodiversity and explain in detail with examples.	
Saure	b)	What is the importance of protecting the biodiversity of earth?	
	c)	Explain the biogeographically classification of India. [4+3+3]	196

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	b) Writ c) Writ 9.a) Expl b) Expl c) Wha 10.a) Expl b) Writ c) Exp	e an essay e an essay lain the ro ain the pl t is radioa ain the be e an essay lain differ	nenomenon y on pestici y on solid y le of indivi nenomenon active pollu enefits deriv y on the Na rent Constit of India for	des and povaste mans duals in the of particulation? yed from estional Environal menvironme	esticide polagement. OR ne protection late pollution environment I easures and ental protection	on of the erion of air. I	ivironment How is it p limited	revented? [4-	+3+3] +3+3] +3+3]	TO PAIN SERVICE STATE OF THE PAIN SERVICE STATE ST
REST.	b) Expl	ain the Er	n evolution vironment tes on Env	al Protecti	on Acts	olicies in Ir	idia.	[4-	+3+3]	
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