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AG		AG AG	KG AG	-AGLAG	
	Code	1.o: <b>124CW</b>		R15	
		WAHARLAL NEHRU TECHN	OLOGICAL UNIVERSIT		
in the depolarity	1 1 E		ester Examinations, May	- 2017	
	<b>1</b>		MENTAL STUDIES		
ĄĆ	Time	(Common to CE, ECE, CSE, ELE : 3 Hours		M, CEE, AME) Max. Marks: 75	
<u> </u>	Note	This question paper contains two			
		Part A is compulsory which carri	es 25 marks. Answer all qu	estions in Part A.	
		Part B consists of 5 Units. An			
and the second		Each question carries 10 marks a	nd may have a, b, c as sub q	juestions	
	_/	NG AG A	ARTIA A	AG AG	
				(25 Marks)	
	1.a)	Write the significance of biogeoc			
	b) c)	Differentiate between terrestrial e What are the environmental effec		stem. [3]	
	d)	Summarize the major reasons	for deforestation. List	the ill effects of	
$A \cap A$	<u> </u>	deforestation.	syr Bookinyony, Bus -		
	e)	What is meant by species diversit		/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1
	f)	Write the methodology involved	in ex-situ and in-situ conse	in the contract of the contra	
	g)	Identify the sources of noise pollu	tion in rural areas. List out	[3] the health hazards of	
	<i>5)</i>	noise pollution.	m raidi diody. Elot out	[2]	
	h)	What are the ambient air quality s	tandards prescribed by cen	tral pollution control	
	_ ,	boardin indiazi / N //	wer any one full question	A 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	1)/i	How crazy consumerism affects the What are the salient features of wi	ldlife protection act?		1
	3)	What are the salient leatures of Wi	diffe protection act:	[5]	
		ř	ART-B		
	2.	Describe the components that n	egik af eigh bij potlatipa at	(50 Marks)	
a Same		aspects of an ecosystem.	rake up the structural asp	[10] A	
$\Delta (-)$	$ \bigcirc$ $\triangle$		OR A		1
11		Explain the mechanism involved i	n the energy flow between		/
		of an ecosystem.		[10]	
	4.a)	Describe the measures to be taken	for the better management of	of available drinking	
		vater resources.			
	11	<b>、</b> ,	roganiagist greny tascore.	to see the second section of the sec	

b) Discuss the environmental impacts of building the water reservoirs and dams.

[5+5]

5. Explain the sources, commercial applications and limitations of biomass energy.

2. Explain the sources, confined applications and initiations of blomass energy.

[10]

6.a) Enumerate the reasons and need for: genetic diversity and ecosystem diversity.

b) How the loss of biodiversity contributes to global climatic changes? [7+3]

7.a) Explain the ten major Biogeographic zones situated in India.
b) With examples, discuss the social values of biodiversity.

With examples, discuss the social values of biodiversity.

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