Printed Pag	ge:-	Subject Code:- ANC0402 Roll. No:		
	NOIDA INSTITUTE OF ENGINEERING A  (An Autonomous Institute Af	filiated to AKTU, Lucknow)	TER NOIDA	
	B.T SEM: IV - THEORY EXA			
	Subject: Enviror	,		
Time: 3	Hours		Max. Marks:	50
<ul><li>2. Section</li><li>3. Section</li><li>4. Section</li></ul>	stion paper comprises three sections, A, B, and A - Question No- 1 is 1 mark each & Question B - Question No-3 is based on external choice C - Questions No. 4-8 are within unit choice t should be left blank. Any written material a	on No- 2 carries 2 mark each. e carrying 5 marks each. questions carrying 4 marks each fter a blank sheet will not be e	ch. valuated/checked.	
1 4	SECTION	A	15	
1. Attempt	•			1
1-a.	Ammonification is the formation of (CO1)			1
	<ul><li>(a) Ammonia from nitrates by decorr</li><li>(b) Ammonia from nitrogen</li></ul>	iposers		
	(c) Ammonia from amino acids			
	(d) Ammonia from nitrates by nitrog	en fixers		
1-b.	Hydroponics is a technique of growing crop		_(CO2)	1
	(a) Water			
	(b) Air			
	(c) soil			
	(d) Sunlight			
1-c.	The community which begins succession in	a habitat is designated as (CO3	3)	1
	(a) Seral community (b) Pictic community			
	<ul><li>(b) Biotic community</li><li>(c) Ecosere</li></ul>			
	(d) Pioneer community			
1-d.	Excess Fluoride in drinking water is likely to	o cause (CO4)		1
	(a) Blue baby syndrome	,		
	(b) Fluorisis			
	(c) Cancer			
	(d) Intestinal irritation			
1-e.	When the consumption of natural resource sustainability is (CO5)	es are equal to nature's ability	to replenish then	1
	(a) Not sustainable			
	(b) Steady state economy			
	<ul><li>(c) Environmentally sustainable</li><li>(d) none of the above</li></ul>			
2. Attempt	• •			
2. Attempt 2.a.	Name the four segment of environment? (Co	<b>31</b> )		2
2.a. 2.b.	Name the different types of coal? (CO2)	<i>⊙1)</i>		2
2.c.	State a difference between endemic and exo	tic species. (CO3)		2
2.d.	What is the full form of three R? How they a	•	protection? (CO4)	2

2.e.	Define bioindicators. How they work to check the environmental conditions? (CO5)		
	SECTION B	15	
3. Answer	any three of the following:-		
3-a.	Draw the diagram of pyramid of biomass, pyramid of number and pyramid of energy? (CO1)		
3-b.	With the help of diagram discuss biogas production in India? (CO2)		5
3.c.	Write down the role of biosphere reserve, sanctuaries, and national park regarding to biodiversity conservation? (CO3)		
3.d.	Discuss the different methods of solid waste disposal? (CO4)		5
3.e.	Environmental education can play an important role in environmental protection? Justify (CO5)	it?	5
	SECTION C	30	
4. Answer	any one of the following:-		
4-a.	Differentiate between renewable and non-renewable natural resources? (CO1)		4
4-b.	Discuss the different steps of Nitrogen cycle? (CO1)		4
5. Answer	any one of the following:-		
5-a.	Discuss the limitations of solar and wind energy? (CO2)		4
5-b.	Describe potential of hydrogen as a future source of energy. (CO2)		4
6. Answer	any one of the following:-		
6-a.	List reasons responsible for the depletion of wildlife? (CO3)		4
6-b.	Differentiate between In situ and ex situ conservation method of biodiversity? (CO3)		4
7. Answer	any one of the following:-		
7-a.	Write three basic characteristics of a modern landfill site. What are the reasons they used? (CO4)	are	4
7-b.	What is Eutrophication? Explain its consequences on the life of plants & animals living such water? (CO4)	g in	4
8. Answer	any one of the following:-		
8-a.	What do understand by EIA? Write involve steps in procedure of EIA. (CO5)		4
8-b.	Write short notes on the drawback of the wildlife Act? Discuss the objectives of Wild Act? (CO5)	life	4