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Noida Institute of Engineering and Technology, Greater Noida
(An Autonomous Institute)

Affiliated to Dr. A.P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow
Branch--- CSE/IT/ECE/M tech. (Int)

Course B Tech,

Semester 4

Sessional Examination: Second

Year- (2021 - 2022)

Subject Name: Environmental Science

Max. Marks:30

Time: 1.15 Hours

[SET- A]

General Instructions:

- This Question paper consists of --pages & ... questions. It comprises of three Sections -A, B, &C.
- **Section A** -Q No- 1 is objective type questions carrying 1 mark each, Q. No- 2 is very short answer type carrying 2 mark each. You are expected to answer them as directed.
- **Section B**- Q. No- 3 is Short answer type questions carrying 5 marks each. Attempt any two out of three questions given.
- **Section C** - Q. No-4 & 5 are Long answer type questions carrying 6 marks each. Attempt any one part a or b

SECTION – A			[08Marks]	
1.	All questions are compulsory-		(4×1=4)	
a.	Fluoride pollution mainly affects a) Kidney b)Brain c)Teeth d)Liver	(1)	CO2	
b.	Terrace farming is practiced in a) Hills b) Desert c) Plain d) Coastal area	(1)	CO2	
c.	How many biogeographic does India have? a)5 b)6 c)8 d)10	(1)	CO3	
d.	On the sand, ecological succession is known as- (a) halosere (b) xerosere (c) hydrosere (d) psammosere	(1)	CO3	
2.	All questions are compulsory-		(2×2=4)	
a.	Define the term eutrophication and Biomagnification?	(2)	CO2	
b.	Differentiate between pioneer and climax community?	(2)	CO3	
3.	Answer any <u>two</u> of the following-		(2×5=10)	
a.	What is deforestation? Discuss its causes and effects.	(5)	CO2	

Subject Code: ANC 0402			
	b.	Define the term biodiversity? Name the different types and values of biodiversity?	(5) CO3
	c.	What is ecological succession? Discuss the different stages of ecological succession?	(5) CO3
SECTION – C			[12Marks]
4	Answer any <u>one</u> of the following-		
	a.	What do you mean by term natural resource? Classify natural resource on different parameters?	(6) CO2
	b.	Discuss the different threats to the loss of biodiversity? Differentiate between Ex situ and In situ method of biodiversity conservation	(6) CO3
5.	Answer any <u>one</u> of the following-		
	a.	What do you understand non-conventional energy resources? Discuss the advantages and limitations of solar energy, wind energy and biomass energy?	(6) CO2
	b.	Define the term Hot spot of biodiversity? Name the hot spots present in India? Name some Biosphere reserve and National parks in India?	(6) CO3