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National Institute of Science and Technology (Autonomous)

(Autonomous)									
B. Tech	3 rd Semester	(202	Branch		All				
	Environment	Environmental Science & Engineering							
Subject Code Time 1.5 hrs	Evan	~	Name Mid Term E	xamination		. Marks	50		
Examination Su	perintendent			.Pradeepta B Vlanabendra	iswal, Prof. Pra Patra	ijapat	i Naik, Pro	f. Alok Patra,	
Name of the In:	structor(s)		Dr. Manabendra Patra						
Date of Examin		21-11-2022 (2 nd Sittting)							

Answer Question No.1 from PART-I which is compulsory, any four from PART-II and any one from PART-III.

The figures in the right hand margin indicate marks.

PART-I

(Answer all the questions)

(Miswel en en el							
Q1.		со	Level	(1) Knowledge (2) Comprehension (3) Application (4) Analysis (5) Synthesis (6) Evaluation	2 x 5		
	(a)	2	2	What do you meant by heterotroph?	2		
	(b)	2	2	What do you meant by ecological Pyramid?	2		
	(c)	2	2	What is a food web?	2		
	(d)	1	1	What are the objectives of wild life protection act	2		
	(e)	1		What is Umbrella Act?	2		
1	(0)		1		-		

PART-II

(Answer Any Four questions out of Six)

(Answer Arry Four questions										
	1			(1) Knowledge	(2) Comprehension	(3) Application	6 x 4			
Q2.		СО	Level	(4) Analysis	(5) Synthesis	(6) Evaluation				
	(a)	1	2	What do you notice objectives?	What do you meant by environmental auditing? What are its objectives? Explain various steps involve in the process.					
	(b)	2	2	Differentiate be	etween food chain &	food web	6			



					6
	(c)	3	3	What are the effects of turbidity on water bodies?	6
-	(d)	2	3	What are biogeochemical cycles? Draw diagrammatically	6
	·			of Oxygen cycle	
	 (e)	1	2	Explain ecological succession?	6
	 (f)	1	1	What are the Indian environmental laws made for protection of environment?	6
	i .	1			

PART-III (Answer Any One question out of Two)

				(1) Knowledge (2) Comprehension (3) Application				
		СО	Level	(1) Knowledge (2)				
		CO		(4) Analysis (5) Synthesis (6) Evaluation				
Q3.	(a)	1	2	Give the classification of types of ecosystem with suitable examples. Explain the energy flow in an ecosystem process with the help of an energy flow model.				
Q4.	(a)	2	2	Explain different steps of nitogen cycle with a proper illustration				
	(b)	2	2	What is an environmental gradient? Draw a universal tolerance curve for tolerance level of environmental factor.				