

Roll Number

### KGISL INSTITUTE OF TECHNOLOGY DEPARTMENT OF INFORMATION TECHNOLOGY

					11
CLASS:	:	III B.Tech IT	MAX MARKS	:	75
SEMESTER:	:	IV	DURATION	4	02:00 Hrs
SUBJECT:	:	Environmental Science and Engineering	CODE	1	GE8291
COURSE NO	:	C215	DATE	:	01.02.2019
ACADEMIC YEAR	:	2018 – 19 (EVEN)	EXAM	;	INT TEST 1

				PART - A (10 X 2 = 20 Marks)			
			- 100	DUESTIONS		BT Level R	Course Outcome C215:1
1.				system.		539	CONTRACTOR DA
2.	9	What	are fo	ood chain and food web?		U	C215:1
3.	. 5	What	are th	ne characteristics of the desert ecosystems?		R	C215:1
4.		Distin	guish	between primary succession and secondary succession.		R	C215:1
5.		What	is rec	data book?		R	C215:1
6.		What biodiv		ne advantages of In-situ and Ex-situ conservation y?		R	C215:1
7.	. 1	Defin	e bio	diversity.		U	C215:1
8.		What	is en	dangered species and endemic species?		U	C215:1
9.	. ]	Defin	e poll	lution.		R	C215:2
10	).	What	is ph	otochemical smog?		R	C215:2
				PART - B (3 X 13 = 39 Marks)			
II	AN	SWEF	RALI	QUESTIONS		BT	Course
	11	(a)	(i)	Discuss the concept of ecological succession.	6	R	C215:1
	٠		(ii)	Explain about forest eco-system.	7	U	C215:1
				(OR)			
		(b)	(i)	Explain about river eco-system.	7	R	C215:1
			(ii)	Briefly explain the structural and functional components of an ecosystem.	6	U	C215:1
	12	(a)	(i)	Explain In-situ and Ex- situ conservation of	7	R	C215:1



13



biodiversity.

	(ii)	Write a note on endangered and endemic species.	6	R	C215:1
		(OR)			
(b)	(i)	Briefly explain the energy flow through ecosystem.	7	R	C215:1
	(ii)	Explain about types of biodiversity	6	U	C215:1
(a)	(i)	Explain about Air pollution causes and effects.	13	U	C215:2
		(OR)			
(b)	(i)	What is meant by value of biodiversity? Explain	13	R	C215:1

### PART - C (1 X 16 = 16 Marks)

different values of biodiversity.

ш	AN	SWER	ALL (	QUESTIONS		BT	Course
	08	(a)	(i)	Explain about Grassland ecosystem.	8	U	C215:1
			(ii)	Explain about Desert ecosystem	8	U	C215:1

	COURSE OUTCOMES				
C215:1	Knowledge about environment and geological classifications and importance.				
C215:2	Knowledge about pollution and seriousness of environment.				
C215:3	Public awareness of environment at infant stage.				
C215:4	Ignorance and incomplete knowledge has lead to misconceptions.				
C215:5	Development and improvement in standard of living has lead to serious Environmental disasters.				

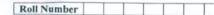
	BLOOMS TAXONOMY LEVELS
R	Remember
U	Understand
AP	Apply
AN	Analyze
E	Evaluate
C	Create











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### PART - A (10 X 2 = 20 Marks)

AN	SWER ALL QUESTIONS	BT	Course
1.	Define Ecosystem.	R	C215:1
2.	What are food chain and food web?	U	C215:1
3.	What are the characteristics of the desert ecosystems?	R	C215:1
4.	Distinguish between primary succession and secondary su	ccession. R	C215:1
5.	Define Estuaries.	R	C215:1
6.	What are the advantages of In-situ and Ex-situ conservation biodiversity?	on R	C215:1
7.	Give the bio-geographical classification of India.	U	C215:1
8.	What is endangered species and endemic species?	U	C215:1
9.	Define pollution.	R	C215:2
10.	What is photochemical smog?	R	C215:2

## PART - B (3 X 13 = 39 Marks)

				(			
II	AN	SWER	ALL	QUESTIONS		BT Level	Course
	11	(a)	(i)	Discuss the concept of ecological succession.	6	R	C215:1
	Ť		(ii)	Explain about forest eco-system.	7	U	C215:1
				(OR)			
		(b)	(i)	Explain about lake eco-system.	7	R	C215:1
			(ii)	Briefly explain the structural and functional components of an ecosystem.	6	U	C215:1
	12	(a)	(i)	Explain In-situ and Ex- situ conservation of	7	R	C215:1





biodiversity.

		(ii)	Write a note on endangered and endemic species.	6	R	C215:1
			(OR)			
	(b)	(i)	Briefly explain the energy flow through ecosystem.	7	R	C215:1
		(ii)	Explain about types of biodiversity	6	U	C215:1
13	(a)	(i)	Explain about Air pollution causes and effects.	13	U	C215:2
			(OR)			
	(b)	(i)	What is meant by value of biodiversity? Explain different values of biodiversity.	13	R	C215:1

# PART - C (1 X 16 = 16 Marks)

ш	AN	SWER	ALL (	QUESTIONS		BT	Course
	08	(a)	(i)	Explain about Ocean ecosystem.	8	U	C215:1
			(ii)	Explain about Estuarine ecosystem.	8	U	C215:1

	COURSE OUTCOMES				
C215:1	Knowledge about environment and geological classifications and importance.				
C215:2	Knowledge about pollution and seriousness of environment.				
C215:3	Public awareness of environment at infant stage.				
C215:4	Ignorance and incomplete knowledge has lead to misconceptions.				
C215:5	Development and improvement in standard of living has lead to serious Environmental disasters.				

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R	Remember
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AP	Apply
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Staff I/C(s)

HODijayo

Principal