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**KGISL INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

CLASS:	:	II B.Tech IT	MAX MARKS	:	100
SEMESTER:	:	IV	DURATION	:	03:00 Hrs
SUBJECT:	:	Environmental Science and Engineering	CODE	:	GE8291
COURSE NO	:	C215	DATE	:	18.03.2019
ACADEMIC YEAR	:	2018 – 19 (EVEN)	EXAM	:	PRE MODEL 1

**PART – A ( 10 X 2 = 20 Marks )**

**I ANSWER ALL QUESTIONS**

	BT Level	Course Outcome
1. Define Ecosystem.	R	C215:1
2. Distinguish between primary succession and secondary succession.	U	C215:1
3. What are all the effects of noise pollution	R	C215:2
4. What is acid rain?	R	C215:2
5. What are the environmental problems caused by dam.	R	C215:3
6. What is water logging?	R	C215:3
7. Define ozone layer depletion.	U	C215:4
8. List the effects of radiation.	U	C215:4
9. Define population explosion.	R	C215:5
10. Define AIDS.	R	C215:5

**PART – B ( 5 X 13 = 65 Marks )**

**II ANSWER ALL QUESTIONS**

	BT Level	Course Outcome
11 (a) (i) Explain about Forest Eco system in detail.	13 R	C215:1
<b>( OR )</b>		
(b) (i) Explain about ecological succession in detail	13 R	C215:1
12 (a) (i) Explain about air pollution and water pollution.	13 R	C215:2
<b>( OR )</b>		
(b) (i) Explain about soil pollution and noise pollution.	13 R	C215:2

13 (a) (i) Explain over exploitation causes and effects of forest resources. 13 U C215:3

**( OR )**

(b) (i) Explain about renewable energy resources in detail. 13 U C215:3

14 (a) (i) Explain about sustainable development. 13 R C215:4

**(OR)**

(b) (i) Explain about air act and wild life protection act in detail. 13 R C215:4

15 (a) (i) Explain about HIV/AIDS in detail 13 R C215:5

**(OR)**

(b) (i) Explain about women and child welfare in detail 13 U C215:5

**PART – B ( 1 X 15 = 15 Marks )**

**III ANSWER ALL QUESTIONS**

1 (a) (i) Explain about biodiversity , types and values in detail 15 R C215:1

**(OR)**

(b) (i) Explain nuclear energy with its merits and demerits. 15 R C215:3

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

Staff I/C(s)

HOD

Principal

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<b>CLASS:</b>	<b>:</b>	<b>II B.Tech IT</b>	<b>MAX MARKS</b>	<b>:</b>	<b>100</b>
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<b>SUBJECT:</b>	<b>:</b>	<b>Environmental Science and Engineering</b>	<b>CODE</b>	<b>:</b>	<b>GE8291</b>
<b>COURSE NO</b>	<b>:</b>	<b>C215</b>	<b>DATE</b>	<b>:</b>	<b>18.03.2019</b>
<b>ACADEMIC YEAR</b>	<b>:</b>	<b>2018 – 19 (EVEN)</b>	<b>EXAM</b>	<b>:</b>	<b>PRE MODEL 1</b>

**PART – A ( 10 X 2 = 20 Marks )**

**I ANSWER ALL QUESTIONS**

	BT Level	Course Outcome
1. Define Ecosystem.	R	C215:1
2. Distinguish between primary succession and secondary succession.	U	C215:1
3. What are all the effects of marine pollution	R	C215:2
4. What is acid rain?	R	C215:2
5. Define water table.	R	C215:3
6. What is salinity?	R	C215:3
7. Define ozone layer depletion.	U	C215:4
8. List the effects of radiation.	U	C215:4
9. Define population explosion.	R	C215:5
10. Define AIDS.	R	C215:5

**PART – B ( 5 X 13 = 65 Marks )**

**II ANSWER ALL QUESTIONS**

	BT Level	Course Outcome
11 (a) (i) Explain about Marine Eco system in detail.	13 R	C215:1
<b>( OR )</b>		
(b) (i) Explain about ecological succession in detail	13 R	C215:1
12 (a) (i) Explain about air pollution and water pollution.	13 R	C215:2
<b>( OR )</b>		
(b) (i) Explain about soil pollution and noise pollution.	13 R	C215:2

13 (a) (i) Explain over exploitation causes and effects of water resources. 13 U C215:3

**( OR )**

(b) (i) Explain about renewable energy resources in detail. 13 U C215:3

14 (a) (i) Explain about urbanization in detail 13 R C215:4

**(OR)**

(b) (i) Explain about air act and wild life protection act in detail. 13 R C215:4

15 (a) (i) Explain about HIV/AIDS in detail 13 R C215:5

**(OR)**

(b) (i) Explain about women and child welfare in detail 13 U C215:5

**PART – B ( 1 X 15 = 15 Marks )**

**III ANSWER ALL QUESTIONS**

1 (a) (i) Explain about biodiversity , types and values in detail 15 R C215:1

**(OR)**

(b) (i) Explain nuclear energy with its merits and demerits. 15 R C215:3

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

<b>BLOOMS TAXONOMY LEVELS</b>	
<b>R</b>	Remember
<b>U</b>	Understand
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**Staff I/C(s)**

**HOD**

**Principal**