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GIET UNIVERSITY, GUNUPUR – 765022  
M. Sc. (Third Semester) Examinations, December – 2022  
**20CHCBOE307 - Chemistry and Environment**  
(Chemistry)

Time: 3 hrs

Maximum: 70 Marks

(The figures in the right hand margin indicate marks.)

**PART – A****(2 x 10 = 20 Marks)**

Q.1. Answer ALL Questions	CO#	Blooms Level
a. Draw the carbon dioxide cycle.	CO1	K2
b. Draw the diagram of fresh water resources.	CO2	K2
c. What are the constituents of sewage in waste water?	CO3	K2
d. What happened due to ozone layer depletion?	CO4	K2
e. Plants absorb sulfur in what form?	CO1	K2
f. What are affords taken to control deforestation?	CO2	K2
g. What is the main cause of industrial pollution?	CO3	K2
h. Explain smog.	CO4	K2
i. What are the toxic effects due to sulphur dioxide?	CO4	K2
j. Write the consequences of deforestation?	CO2	K2

**PART – B****(10 x 5 = 50 Marks)**

<u>Answer ANY FIVE questions</u>	Marks	CO#	Blooms Level
2. Discuss about sulphur and water cycle.	5+5	CO1	K4
3.a. What are the importance of water resources and technologies used to provide fresh water	10	CO2	K4
4. a. Discuss about sewage treatment and radiation pollution.	5+5	CO3	K4
5.a. Discuss about greenhouse effect.	5	CO4	K4
b. Gives complete information about acid rain.	5	CO4	K1
6. a. Write the factors influencing environment and discuss environmental degradation?	10	CO1	K4
7.a. Write about forest resources and the consequences of deforestation.	5+5	CO2	K3
8. a. Write about the sources, effects and control of SO <sub>2</sub> ?	10	CO4	K4

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