



**KSIT Bangalore**

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SECOND ASSIGNMENT QUESTIONS**

<b>Academic Year</b>	<b>2021-2022</b>		
<b>Batch</b>	<b>2018-2022</b>		
<b>Year/Semester/section</b>	<b>IV/VII/A&amp;B</b>		
<b>Subject Code-Title</b>	<b>18ME751-ENERGY AND ENVIRONMENT</b>		
<b>Name of the Instructor</b>	<b>Mr. PARASHURAM A K</b>	<b>Dept</b>	<b>CSE</b>

<b>Assignment No: 2</b> <b>Date of Issue: 19/12/2021</b>					<b>Total marks:20</b> <b>Date of Submission: 24/12/21</b>
<b>Sl. No</b>	<b>Assignment Questions</b>	<b>K Level</b>	<b>CO</b>	<b>Marks</b>	
1.	<b>What</b> is an ecosystem? <b>Discuss</b> forest ecosystem. explain how conservation of forest can be done	Understanding K2	<b>CO2</b>	2	
2.	<b>Describe</b> grass land ecosystem? What are its types? how conservation of grassland can be made	Understanding K2	<b>CO2</b>	2	
3.	<b>What</b> is food chain, food web and ecological pyramid? <b>Write a short note</b> on ecological succession	Understanding K2	<b>CO2</b>	2	
4.	<b>Write a short note</b> on i) Desert Ecosystem ii) Aquatic ecosystem	Understanding K2	<b>CO2</b>	2	
5.	<b>Discuss</b> briefly the causes, effects and control measures of air pollution	Understanding K2	<b>CO3</b>	2	
6.	<b>Discuss</b> briefly the causes, effects and control measures of water pollution	Understanding K2	<b>CO3</b>	2	
7.	<b>Elaborate</b> the causes, effects and control measures of i) Soil pollution ii) Thermal pollution iii) Noise pollution	Understanding K2	<b>CO3</b>	2	
8.	<b>Outline</b> the role of individual in prevention of pollution	Understanding K2	<b>CO3</b>	2	
9.	<b>Discuss</b> the solid waste management techniques	Understanding K2	<b>CO3</b>	2	
10.	<b>Explain</b> the following case studies related to environmental pollution : i) Bhopal gas tragedy ii) Donora air pollution disaster iii) Chernobyl nuclear disaster iv) Arsenic pollution in ground water	Understanding K2	<b>CO3</b>	2	

**Course In charge**

**Module Coordinator**

**HOD/ME**