

## CHAPTER - ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

		<b>CTSE</b>	<b>Self Evaluation Grades</b>			
Sr.No.	Topic	Sub-Topic	Date			
1	What is Environment?	(i) Define				
2	Components of Environment	(i) Physical or Abiotic Components (ii) Living or Biotic Components				
3	Importance or functions of Environment	(i) Environment Promote Life (ii) Environment And Quality Life (iii) Supply of Resources (iv) Disposal of Waste				
4	Problems Related to	(i) Pollution (ii) Exploitation of Natural Resources				
5	Pollution	(i) Explain				
6	Types of Pollution	(i) Air Pollution (ii) Water Pollution (iii) Soil Pollution (iv) Noise Pollution (v) Pollution due to Radiation				
7	Air Pollution	(i) Define (ii) Sources of Air Pollution: -Natural Sources -Man-made Resources				
8	Water Pollution	(i) Define (ii) Sources of Water Pollution: -Domestic Sewerage discharged -Discharge of Excretory Water of Humans and animals -Chemical from Agriculture Fields -Water by Thermal Power Plants				
9	Soil Pollution	(i) Define (ii) Sources of Soil Pollution: -Use of Chemical Inputs -Dumping of Synthetic Material -Dumping of household Garbage -Dumping of Waste in Soil -Dumping of Radio-active Waste in Soil.				
10	Noise Pollution	(i) Define (ii) Sources of Noise Pollution: -By radio traffic -By rails , helicopters -By Loud sound by loudspeakers				
11	Pollution due to Radiation	(i) Explain				
12	Exploitation of Natural Resources	(i) Explain (ii) Deforestation (ii) Degradation of Land				
13	Global Warming	(i) Explain				

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14	Causes of Enviromental Degradation and Global Warming	(i) Population Explosion				
		(ii) Pollution				
		(iii) Lack of Awearness				
		(iv) Economic Development				
		(v) Modern Agriculture				
		(vi) Rapid Industrialization				
		(vii) Lack of Self Discipline				
		(viii) Absence of Policies				
15	Efforts to Protect Environment	(i) Control Over Population				
		(ii) Check Over Pollution				
		(iii) Spread Awearness				
		(iv) Adoption of Sustainable Development				
		(v) Proper Utilization of Resources				
		(vi) Effective Policies				
		(vii) Afforestation				
16	What is Sustainable Development?	(i) Define				
		(ii) Principal Characteristics of Sustainable Development				
		-Process of Economic Development				
		-A long Process				
		-Optimum use of Resources				
		-Improve Living Standards				
		-Based on Equity				
		-Conservation of Resources				
-Protection of Environment						
17	Need for Sustainable Development	(i) Economic Development for Long Period				
		(ii) Optimum use of Resources				
		(iii) Control over Pollution				
		(iv) Protection Of Interest				
		(v) Conservation of Bio-Diversity				
		(vi) Improvement in Living Standards				
		(vii) Protection of Environment				
		(viii) Social Gains				
18	Steps Required for Achieving sustainable Development	(i) Efficient Use of Resources				
		(ii) Control Over Pollution				
		(iii) Control over Population				
		(iv) Development of Rural Areas				
		(v) Implemation of Strict Laws				
		(vi) Organic Farming				
		(vii) Scientific Disposal of Waste				
		(viii) Public Awearness				
		(ix) Afforestation				
		(x) Use of Renewable Sources of Energy				

## CHAPTER - ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

		<b>GTSE</b>	<b>Self Evaluation Grades</b>			
Sr.No.	Topic	Sub-Topic	Date			
19	Difference between Economic Growth, Development And Sustainable Development	(i) Meaning				
		(ii) Scope				
		(iii) Indicators				
		(iv) Measurement				
		(v) Nature				
		(vi) Country				
		(vii) Reflect				
		(viii) Process				
		(ix) Possible				
		Signature of Student				
		Signature of Mentor/Teacher				
<b>Key To Grades</b>			This self Evaluation sheet has four date columns. Student shall fill grades to all topics in one date column in a sitting. By the fourth attempts, all grades should be 'A' for getting best marks in exams.			
Write 'A' if you know the concept fully (when you know 100%)						
Write 'B' if you need revision once (when you know between 75%-100%)						
Write 'C' if you know the concept partially (when you know about 50%)						
Write 'D' if you know the concept very little (when you know about 25%)						
Write 'E' if you don't know the concept at all (when you know 0%)						



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