Sea	t No.:	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY BE SEMESTER- 1 <sup>st</sup> / 2 <sup>nd</sup> (SPFU) EXAMINATION - WINTER 2016	
Sul	bject	code: ENG003 Date: 31/01/2017	
Sul	bject	Name: Ecology and Environment	
Tir	ne: 0	2:30PM – 05:00PM Total Marks: 70	
Ins	struc	tions:	
	1.	Attempt all questions.	
		Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a)	Define Environment and briefly explain the components of environment.	07
V.1	(b)	Differentiate between Food Chain and Food Web.	07
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Q.2	(a)	What are non-renewable resources? Give two examples of non renewable	<b>07</b>
	<b>(3.</b> )	resources.	
	<b>(b)</b>	Write a Short note on Green House effect.	07
	<b>(b)</b>	OR Write a Short note on Ozone Depletion.	07
	(D)	write a Short note on Ozone Depiction.	U/
Q.3	(a)	Write a note on Hydrogen Cycle.	<b>07</b>
	<b>(b)</b>	Write the benefits that Forest offer.	<b>07</b>
O 2	(a)	OR	07
Q.3	(a) (b)	Define Air Pollution and briefly explain Sources of the Air Pollution. Write classification of Air Pollutants.	07 07
	(D)	write classification of All I officialits.	U/
Q.4	(a)	Enlist the unique characteristics of Water.	07
	<b>(b)</b>	Write a note on Eutrophication.	07
		OR	
Q.4	(a)	Justify the statement: Population is the root cause of Pollution.	07
	<b>(b)</b>	Enlist the Population theories and explain any one.	07
Q.5	(a)	Write a short note on Renewable Resources.	07
Q.5 Q.5	(b)	Explain in brief the applications of Solar Energy.	07
~.~	(~)	OR	37
Q.5	(a)	What is Noise? How is it harmful to environment?	07
Q.5	<b>(b)</b>	Write a note on Carbon Cycle with neat sketch.	<b>07</b>

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