Enrolment No

GUJARAT TECHNOLOGICAL UNIVERSITY BE (SPFU) - SEMESTER-I-II (SPFU) - EXAMINATION – SUMMER 2017Subject Code: ENG003Date: 13/06/2017Subject Name: ECOLOGY AND ENVIRONMENTDate: 13/06/2017Time:02:30 PM to 05:00 PMTotal Marks: 70Instructions:1. Attempt all questions.1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.				
Q.1	(a) (b)	Enlist the unique characteristics of Water. Write a Short note on Green House effect.	07 07	
Q.2	(a)	Write a short note on Renewable Resources.	07	
Q.2	(b)	Differentiate between Food Chain and Food Web. OR	07	
	(b)	Define Air Pollution and briefly explain Sources of the Air Pollution.	07	
Q.3	(a)	Write a note on Hydrogen Cycle.	07	
	(b)	Write the benefits that Forest offer. OR	07	
Q.3	(a)	Write a Short note on Ozone Depletion.	07	
	(b)	Write classification of Air Pollutants.	07	
Q.4	(a)	Define Environment and briefly explain the components of environment.	07	
	(b)	Write a note on Carbon Cycle with neat sketch. OR	07	
Q.4	(a)	What is Noise? How is it harmful to environment?	07	
	(b)	Enlist the Population theories and explain any one.	07	
Q.5	(a)	What are non-renewable resources? Give two examples of non renewable resources.	07	
Q.5	(b)	Explain in brief the applications of Solar Energy. OR	07	
Q.5	(a)	Justify the statement: Population is the root cause of Pollution.	07	
Q.5	(b)	Write a note on Eutrophication *********	07	