Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER-II • EXAMINATION - SUMMER - 2017

Subject Code: 2721715 Subject Name: Climate Change Time: 02:30 PM To 05:00 PM			Date: 31/05/2017 Total Marks: 70	
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Ins	truction 1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary.		
Q.1	(a) (b)	Write a short note on Annex-I and Annex-II countries with their role. Explain the concept of CDM.	07 07	
Q.2	(a) (b)	Write the GWP of various gases & Explain the source, effect & control for CH4 emission. Explain the concept of green building.	07	
	(b)	OR Write a Short note on impact of Climate change on human health.	07	
Q.3	(a)(b)	Through some lights on advantages of energy audit for reducing the GHG emission. Write a short description, explaining the importance of site selection in the field of environment to control the climate change.	07	
Q.3	(a) (b)	OR Write a short note on emission trading. Write a short note on Kyoto protocol.	07 07	
Q.4	(a) (b)	Explain in brief carbon market. Write brief notes on IPCC	07 07	
Q.4	(a) (b)	OR How is the coastal zone likely to be affected by climate change? Differentiate between Greenhouse effect and Global warming.	07 07	
Q.5	(a) (b)	Write a note on "Nitrous oxide and climate change." Write the effects of CFC on climate change.	07 07	
Q.5	(a) (b)	OR Enlist and explain the climate change mitigation measures for energy sector. Enlist the role of Climate change in your engineering field.	07 07	
