## **GUJARAT TECHNOLOGICAL UNIVERSITY** ME- SEMESTER II– EXAMINATION – SUMMER 2015

Subject Code: 2721715Date: 03/Subject Name: Climate ChangeTotal MaTime: 2:30 PM - 5:00 PMTotal Ma			
Inst	ruction 1. 2. 3.	is: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Explain õGlobal Warmingö. Highlight clearly the natural and enhanced Greenhouse Effect. Write a short note on õGreen Bulding.ö	07 07
Q.2	(a) (b) (b)	Write a short note on õKyoto Protocol.ö Write a short note on õRole of carbon dioxide in climate change.ö OR Establish the relationship between methane emission and climate change.	07 07 07
Q.3	(b) (a) (b)	Write brief notes on (i) Global Warming potential (ii) IPCC Write a note on õNitrous oxide and climate change.ö <b>OR</b>	07 07 07
Q.3	(a) (b)	Explain International Emission Trading. What are Annex I and Annex II countries? What is the role of these two countries in combating climate change ?	07 07
Q.4	(a) (b)	Explain how water resources sector is likely to be affected by Climate change. Write a short note on õClean Development Mechanismö. OR	07 07
Q.4	(a) (b)	Write a short note on impact of climate change on forest and agriculture. How is the coastal zone likely to be affected by climate change?	07 07
Q.5	(a) (b)	Enlist and explain the climate change mitigation measures for energy sector. Explain the impacts of climate change on human health. <b>OR</b>	07 07
Q.5	(a) (b)	What are Climate change mitigation policies. Differentiate between Greenhouse effect and Global warming.	07 07

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