GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER- II(New course) • EXAMINATION (Remedial) - WINTER- 2015

Subject Code: 2721715Date: 14/12Subject Name: Climate ChangeTime:2:30 pm to 5:00 pmInstructions:Total Mark			/12/2015	
			s: 70	
	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a)	Write the GWP of various gases & Explain the source, effect & control for CH4 emission.	07	
	(b)	What are Annex I and Annex II countries? What is the role of these two countries in combating climate change?	07	
Q.2	(a) (b)	Explain the effect of CFC on climate change. Enlist the seven step to reduce the effect of GHG. OR	07 07	
	(b)	Explain the role of renewable energy sources on reducing the GHG emission.	07	
Q.3	(a) (b)	Write a short note on õKyoto Protocol.ö Write a short note on Carbon market. OR	07 07	
Q.3	(a)	Differentiate between the following in terms of GHG emission potential (assume the waste discarded in open).	07	
	(b)	 Industrial solid waste 2) Domestic solid waste Write a short note on impact of climate change on forest and human health. 	07	
Q.4	(a)	Write a short note on impact of climate change on water resources and agriculture.	07	
	(b)	Explain the concept of green building.	07	
Q.4	(a) (b)	OR Write the advantages of energy audit for reducing the GHG emission. Write a short note on climate change mitigation policies.	07 07	
Q.5	(a) (b)	Write a short description, explaining the importance of alternatives in the field of environment to control the climate change.	07 07	
Q.5	(a) (b)	OR Write a short note on õClean Development Mechanismö. Explain International Emission Trading.	07 07	
