Seat No.:	Enrolment No

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA Integrated- SEMESTER-VI • EXAMINATION – SUMMER - 2017

Subject Code: 4460603 Subject Name: Environmental Studies Time: 10.30 am to 01.00 pm Instructions: Date: 04/05/			Date:04/05/2017	
		70		
		Attempt all questions. Make suitable assumptions wherever necessary.		
Q.1	(a) (b)	What are Environmental studies? Discuss its scope and Importance What is the role of individual in the conservation of natural resources?	07 07	
Q.2	(a) (b)	Name any three well known thinkers and their contribution to save the environment. What are forest resources? How are forests useful to mankind?	07 07	
	(b)	OR Define and explain following terms: Eutrophication Ozone depletion	07	
Q.3	(a) (b)	What is hydro electric powder and list its drawback. What is resource? Describe land as a resource.	07 07	
Q.3	(a)	OR What is solar energy? Explain different technological ways in which solar energy is used.	07	
	(b)	Describe in short (i) food security (ii) biosphere (iii) biomass energy	07	
Q.4	(a) (b)	What is ecosystem? Explain the structure and functions of ecosystem. What is soil erosion? Write about three techniques that protect soil erosion? OR	07 07	
Q.4	(a)	What are producers consumers and decomposers? How producers consumers and decomposers are linked in the food chain?	07	
	(b)	What is pollution? Explain in brief types of pollution	07	
Q.5	(a)	Define and explain following terms: (i)Climatic change (ii) Acid rain	07	
	(b)	Explain the role of Information Technology in environment and human health OR	07	
Q.5	(a) (b)	Explain disaster management in detail. Define and explain following terms: (i) Water cycle (ii) mineral resource	07 07	
