Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII EXAMINATION - SUMMER 2016

S	ubje	ect Code:183701 Date:18/05/2016	
T	ime	ect Name:Environmental Planning & Management :10:30 AM to 01:00 PM ctions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.)
Q.1	(a) (b)	Describe the important parameters for environmental planning. Also write down national and state laws and acts to protect the environment. Write down the methodology of environmental audit in brief listing out its importance for industries.	07 07
Q.2	(a) (b)	Explain the concept of cash flow in and out by giving some examples. What do understand by Total Quality Management? What should be the characteristics of an effective TQM leader? OR	07 07
	(b)	Write down detailed note organizational and functioning of ISO. Also list down the objectives of ISO.	07
Q.3	(a)	Justify the following statement "Political willingness is important in environmental	07
	(b)	planning process". Describe the importance of cleaner technologies in environmental protection. OR	07
Q.3	(a)(b)	Explain various pre-audit, on-site audit and post-audit activities involved in process of environmental audit. Write down the procedure of value analysis and concept of time value of money?	07 07
Q.4	(a) (b)	Development is directly dependent on resource utilization planning. How? Discuss the correlation between population growth and carrying capacity. OR	07 07
Q.4	(a)(b)	Justify Pollution control boards are playing significant role in maintaining better environmental condition. Describe cleaner production methodology and steps involved in implementation of cleaner technologies?	07 07
Q.5	(a)	Describe the Plan-do-check-act (PDCA) cycle which forms the basis of ISO 14000 series of standards.	07
	(b)	Discuss various tools involved in Environmental Disaster Planning. OR	07
Q.5	(a) (b)	What is urban planning? Explain significant parameters considered in urban planning. Write short note on: (i) Adverse impact of planning (ii) Rehabilitation Problems	07 07
