Seat No.:	Enrolment No
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Subject Code: 183701

## GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER - VIII • EXAMINATION - SUMMER 2015

Date: 07/05/2015

Ti	-	Name: Environment Planning and Management 0.30am-01.00pm Total Marks: 7	70
		Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a) (b)	Express ISO. Illustrate organizational structure and functioning of ISO? Analyse Plan-do-check-act (PDCA) cycle which forms the basis of ISO 14000 series of standards?	07 07
Q.2	(a) (b)	What do you apprehend by Total Quality Management? State various characteristics of an effective TQM leader.  Elucidate the significance of cleaner technologies with examples.  OR	07 07
	<b>(b)</b>	Define Engineering Economics and Time Value of Money?	07
Q.3	(a) (b)	Explain the importance of Environmental Accounting.  Enlist the various environmental protection laws in India and describe various agencies which are associated with Environmental Management in Gujarat?  OR	07 07
Q.3	(a) (b)	Describe the tools of Environmental Disaster Planning in detail? Explain various roles of Environmental Management Plan?	07 07
Q.4	(a) (b)	What is sustainable development? Give your view point on "Need for Environmental Planning and Management"? What were the objectives of United Nation's Earth Summit and Rio-20 conference held in Brazil in the year 1992 and 2012 respectively?  OR	07 07
Q.4	(a) (b)	Analyze carrying capacity and population relationship with "Quality of life". Explain various levels of carrying capacity evaluation?	07 07
Q.5	(a) (b)	Comment on India's journey towards sustainability? Write down various pre-audit, on-site audit and post-audit activities associated with Environmental audit.	07 07
Q.5	(a) (b)	OR What are the advantages of public participation and public hearings in context of important environmental decisions? Write some of the benefits and barriers in the pathway of cleaner technologies?	07 07

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