Seat No.:	Enrolment No.
Deat 110	Emoment 10.

GUJARAT TECHNOLOGICAL UNIVERSITY M. E - SEMESTER. – I - EXAMINATION – WINTER- 2013

Subject Code: 714901 Date:23/12/2013

Subject Name: Construction Project Management-I	
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Time:10:30 to 13:00 Total Marks: 70

Instructions:

- 1. Attempt all questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	(a) (b)	Explain the terms: Construction, Project, Management Explain the role of following in construction industry. a) Construction Management Consultants b) Contractors	07 07
Q.2	(a) (b)	Write a detailed note on:Project Life Cycle. Explain how the construction project differs from other projects.	07 07
		OR	
	(b)	Enlist & explain the main causes of project failure.	07
Q.3	(a) (b)	Explain the purpose and principle of organization. Differentiate between formal & informal organization?	07 07
		OR	
Q.3	(a)	Write a short note on matrix organization structure.	07
	(b)	What is time planning and work scheduling in construction management? Explain in brief.	07
Q.4	(a)	What is work break down structure? Explain its importance in construction project management.	07
	(b)	State and explain the purpose of PPP.	07
		OR	
Q.4	(a)	Prepare work breakdown structure for: a) Township project b) Multipurpose bridge project	07
	(b)	Explain various stages of feasibility study for a infrastructure project.	07
Q.5	(a)	What is the meaning of BOOT? Explain the advantages and disadvantages of BOOT?	07
	(b)	Write objectives of Quality assurance and quality control?	07
		OR	
Q.5	(a) (b)	State the various types of cost associated with construction project? What is the meaning of Controlling? State its importance and mention the	07 07

various controlling techniques for the construction project.