Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER-1 • EXAMINATION - WINTER 2014

Subject Code: 2711401			Date: 07/01/2015	
Ti	-	Name: Construction Project Management 3.30 pm to 5.00 pm Total Marks: 7 ons:	70	
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Q.1	(a)	How does Cost Overrun and Time Overrun lead to barrier in growth of Construction Industry?	07	
	(b)	Describe the priorities of construction manager at Project Commencement stage and Project Conclusion Stage. Support the answer with brainstorming aspects of construction management.	07	
((a)	Enlist and explain the Essential functions of Construction Project Management	07	
	(b)	Describe the significance of Work Breakdown Structure in Construction Project Management. Support your Answer With suitable Example.	07	
	(b)	OR Draw a diagram/sketch of typical of Project Life cycle and explain its various stages.	07	
Q.3	(a)	Write Short notes on:	07	
	(b)	 (a) DPR (b) BOLT Explain Project Control Methodology with reference to (a) Controlling Resource Productivity (b) Controlling Cost (c) Controlling time OR	07	
Q.3	(a) (b)	Explain various time estimates used in PERT Differentiate between BOT and BOOT with suitable example.	07 07	
Q.4	(a)	Explain the term Quality Assurance and Quality Control in terms of Construction Projects.	07	
	(b)	Enlist and critically explain the most common reasons of failure of Construction Projects in India.	07	
Q.4	(a)	OR Describe the significance of Critical Path, Float and Dummy Activity in	07	
	(b)	developing Project Network. Differentiate between Precedence Network Analysis(PNA) and Critical Path Method (CPM)	07	
Q.5	(a)	Explain the following terms in brief:	07	
	(b)	(a) Cost budgeting (b) Cost Control (c) Cost of Quality Enlist and explain various advantages and disadvantages of Formal and Informal Organization. Also mention the basic difference between them.	07	
Q.5	(a) (b)	OR Enlist and explain the various factors affecting the Work Scheduling Write short notes on: (1) Project Maturity (2) CONQUAS	07 07	

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