

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

Subject Code: 714901**Date: 23/12/2013****Subject Name: Construction Project Management-I****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)** Explain the terms: Construction, Project, Management **07**
(b) Explain the role of following in construction industry. **07**
a) Construction Management Consultants
b) Contractors

- Q.2 (a)** Write a detailed note on: Project Life Cycle. **07**
(b) Explain how the construction project differs from other projects. **07**

OR

- (b)** Enlist & explain the main causes of project failure. **07**

- Q.3 (a)** Explain the purpose and principle of organization. **07**
(b) Differentiate between formal & informal organization? **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? **07**
Explain in brief.

- 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: **07**
a) Township project
b) Multipurpose bridge project
(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)** State the various types of cost associated with construction project? **07**
(b) What is the meaning of Controlling? State its importance and mention the various controlling techniques for the construction project. **07**
