

**GUJARAT TECHNOLOGICAL UNIVERSITY****ME – SEMESTER – II (New) – EXAMINATION – SUMMER 2019****Subject Code: 3721403****Date: 27/05/2019****Subject Name: Construction and Contract Management****Time: 02:30 PM TO 05:00 PM****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)** Describe the importance of contracts in construction management. Enlist and explain various types of contract in brief. **07**
- (b)** Discuss various component of tender notice. Prepare a draft tender notice for the work of construction of library building for Govt. Engg. College with assuming required data. **07**
- Q.2 (a)** Discuss the purpose of writing specification. Also Enlist principles of writing good specification. **07**
- (b)** Discuss about legal issues associated with contract preparation and execution. Support your answer with suitable example. **07**
- OR**
- (b)** Write Short note on: **07**  
(1) Award of Contract (2) Liquidated damage
- Q.3 (a)** Write detail specification for RCC Work (1:2:4) and Plastering in Cement Mortar ( 1:4) **07**
- (b)** Explain the importance of drawings, rates of material and labour for the preparation detailed estimate. **07**
- OR**
- Q.3 (a)** How do you estimate the cost of Project? Explain the factors affecting the cost of project. **07**
- (b)** Explain about bidding model and binding strategies in construction management. **07**
- Q.4 (a)** Describe the standard method followed by Government organizations for tendering process, scrutinizing tender and awarding work order for specified work. **07**
- (b)** Explain the terms of Earnest Money Deposit, Security Deposit, Tender fee and Tender Scrutiny. **07**
- OR**
- Q.4 (a)** Discuss the terms PreBid Meeting, Subletting of Work and Measurement book. **07**
- (b)** Write Short note on: **07**  
(1) Detailed specification (2) Rate analysis
- Q.5 (a)** Explain the need of site visit, knowledge of prevailing material rates and government policies before participating in tender process. **07**
- (b)** Enlist and explain the duties of contractor, engineer in typical government project. **07**
- OR**
- Q.5 (a)** Describe the Interpretation of contract in case of inconsistency with appropriate example. **07**
- (b)** Write Short note on: **07**  
(1) E- Tendering (2) Evaluation of contract documents

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