

# GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI EXAMINATION – SUMMER 2025

**Subject Code: 3160614**

**Date: 28-05-2025**

**Subject Name: Contracts Management**

**Time: 10:30 AM TO 01:00 PM**

**Total Marks:70**

**Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	MARKS
<b>Q.1</b> (a) Differentiate between contract and agreement.	<b>03</b>
(b) Define Contract and Enlist major stake holders involved in a contract of building construction.	<b>04</b>
(c) Explain the conditions under which a contract can be terminated.	<b>07</b>
<b>Q.2</b> (a) Define Lump sum contracts, Fixed price contracts, and Percentage rate contracts.	<b>03</b>
(b) What are the characteristics of contracts?	<b>04</b>
(c) What are the essential requirements of a valid contract as per the Indian Act?	<b>07</b>
<b>OR</b>	
(c) Explain contract formation in detail.	<b>07</b>
<b>Q.3</b> (a) Discuss BOT contract.	<b>03</b>
(b) Draft a tender notice for any construction project which includes all details.	<b>04</b>
(c) What is the importance of Security Deposit and EMD? Differentiate between them.	<b>07</b>
<b>OR</b>	
<b>Q.3</b> (a) Under which circumstances a short tender notice is given?	<b>03</b>
(b) Explain in brief (i) Open tender and (ii) Selected or limited tender	<b>04</b>
(c) Explain the process of Tendering.	<b>07</b>
<b>Q.4</b> (a) Enlist various general and special conditions of a contract.	<b>03</b>
(b) Explain the term unbalanced tender.	<b>04</b>
(c) Explain the procedure of Tender scrutiny.	<b>07</b>
<b>OR</b>	
<b>Q.4</b> (a) Explain about acceptance of tender.	<b>03</b>
(b) Explain conditions of a contract for time delays and extra claims.	<b>04</b>
(c) Explain e-tendering and its benefits.	<b>07</b>
<b>Q.5</b> (a) Explain the clause of “Bankruptcy” as condition of contract.	<b>03</b>
(b) Explain the clause of “Alterations, additions and omissions” as condition of contract.	<b>04</b>
(c) Write a short note on Negotiation and Mediation	<b>07</b>
<b>OR</b>	
<b>Q.5</b> (a) State possible types of risk in a contract.	<b>03</b>
(b) What is the role of a subcontractor in construction?	<b>04</b>
(c) Which factors should be considered to avoid disputes in a contract?	<b>07</b>

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**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2024****Subject Code: 3160614****Date:22-05-2024****Subject Name: Contracts Management****Time: 10:30 AM TO 01:00 PM****Total Marks:70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

- Q.1**
- |     |   |           |
|-----|---|-----------|
| (a) | Define Contract, Agreement, and Deed.   | <b>03</b> |
| (b) | What do you mean by a labour contract? State its disadvantages.   | <b>04</b> |
| (c) | Suppose an Executive Engineer of the Road and Building Department, Government of Gujarat, wants to publish a tender notice regarding a project: The construction of a new technical high school building in your city. Draft a tender notice on his behalf. Assume suitable data. | <b>07</b> |

- Q.2**
- |     |  |           |
|-----|--|-----------|
| (a) | List various causes of disputes in civil engineering contracts.          | <b>03</b> |
| (b) | Explain Expressions of Interest (EOI) and Request for Information (RFI). | <b>04</b> |
| (c) | Describe various elements of contract management.                        | <b>07</b> |

**OR**

- |     |   |           |
|-----|---|-----------|
| (c) | Define contract administration and state the advantages of contract administration. | <b>07</b> |
|-----|---|-----------|

- Q.3**
- |     |   |           |
|-----|---|-----------|
| (a) | What are the benefits of the inverted bid model?                          | <b>03</b> |
| (b) | Explain possible types of risks in a contract.                            | <b>04</b> |
| (c) | Give responsibilities of the contractor as a construction contract party. | <b>07</b> |

**OR**

- Q.3**
- |     |  |           |
|-----|--|-----------|
| (a) | What are the responsibilities of a subcontractor?  | <b>03</b> |
| (b) | What do you mean by legal and definite subject matter and lawful considerations?                                   | <b>04</b> |
| (c) | Explain the cost-plus percentage rate contract and cost-plus fixed fee contract with advantages and disadvantages. | <b>07</b> |

- Q.4**
- |     |   |           |
|-----|---|-----------|
| (a) | What do you mean by tender rates and validity of tenders as special conditions of contract? | <b>03</b> |
| (b) | What do you mean by final payment and maintenance period?                                   | <b>04</b> |
| (c) | Explain the conditions of a contract for specifications and drawings, and labour laws.      | <b>07</b> |

**OR**

- Q.4**
- |     |   |           |
|-----|---|-----------|
| (a) | Draft a list of general and special conditions of a contract.     | <b>03</b> |
| (b) | Enlist various bidding models and explain Gate's model in detail. | <b>04</b> |
| (c) | Write a short note on the mode of submission of tenders.          | <b>07</b> |

- Q.5** (a) What are the purposes of risk management? **03**  
(b) Define Direct stakeholders, Indirect stakeholders, Positive stakeholders, and Negative stakeholders. **04**  
(c) Explain the essential steps of the risk management process. **07**

**OR**

- Q.5** (a) Explain in brief: Limited tender and Negotiated tender. **03**  
(b) Write various reasons for the rejection of the lowest tender. **04**  
(c) Explain the process of e-tendering. **07**

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**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2023****Subject Code:3160614****Date:12-07-2023****Subject Name:Contracts Management****Time:10:30 AM TO 01:00 PM****Total Marks:70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

- Q.1** (a) Every contract is an agreement but every agreement may not be a contract. True or False ? Justify your answer. **03**
- (b) Define tender and explain types of tenders. **04**
- (c) State the details to be included in a tender notice. Draft a tender notice for construction of BRTS corridor costing Rs. 38 crore. **07**
- Q.2** (a) State the reasons under which a lowest tender may also be rejected. **03**
- (b) Explain as per Indian contract act 1872, **04**
- (i) Free consent (ii) Fraud (iii) Communication
- (c) What is the importance of Security Deposit and EMD? Differentiate between them. **07**
- OR**
- (c) Explain the conditions under which a contract can be terminated. **07**
- Q.3** (a) Explain about revocation of tender. **03**
- (b) Different between Departmental Execution system and Contract system **04**
- (c) Explain the procedure of Tender scrutiny. **07**
- OR**
- Q.3** (a) Explain about acceptance of tender. **03**
- (b) State and explain the purposes of filling an unbalanced tender. **04**
- (c) Why is it necessary to check pre-qualification of contractors ? What are its advantages and disadvantages. **07**
- Q.4** (a) What are the responsibilities of owner in a contract ? **03**
- (b) Explain the clause of “Alterations, additions and omissions” as condition of contract. **04**
- (c) Explain about (i) Rate contract and (ii) Item rate contract with its advantages and disadvantages. **07**
- OR**
- Q.4** (a) What are the responsibilities of engineer in a contract ? **03**
- (b) Explain the clause of “Bankruptcy” as condition of contract. **04**
- (c) Explain about (i) Labour contract and (ii) Turn-key contract with its advantages and disadvantages. **07**
- Q.5** (a) Prepare a list of direct and indirect stakeholders in a construction contract. **03**
- (b) Draft conditions of scope change and extra claims for a contract. **04**
- (c) Write a short note on Arbitration as an ADR. **07**
- OR**
- Q.5** (a) Why Risk management is necessary in a contract? State possible types of risk in a contract. **03**
- (b) Draft conditions of payment and time delay for a contract. **04**
- (c) Write a short note on Negotiation and Mediation as an ADR. **07**

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**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2022****Subject Code:3160614****Date:08/06/2022****Subject Name:Contracts Management****Time:10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
  2. Make suitable assumptions wherever necessary.
  3. Figures to the right indicate full marks.
- Simple and non-programmable scientific calculators are allowed.

- Q.1** (a) Define Contract. How do you identify legal issues in a contract? **03**
- (b) What are the characteristics of contracts? **04**
- (c) What are the essential requirements of a valid contract as per the Indian Act? **07**
- Q.2** (a) Which remedies may be pursued for if there is a termination of the contract? **03**
- (b) Who are the major stake holders involved in construction projects? And Who are the key stakeholders? **04**
- (c) Write the name of different contracts and explain (1) Lum sum contract (2) Percentage rate contract. **07**

**OR**

- (c) Write short note on: contract formation. **07**
- Q.3** (a) What is Item rate contract? And what are the advantages and disadvantages of the Item rate contract. **03**
- (b) Explain the responsibility of the contractors. **04**
- (c) Write down the conditions of Contract and explain any three conditions. **07**

**OR**

- Q.3** (a) Define Tender. Write in brief about tender form. **03**
- (b) List the points to be covered in tender notice. **04**
- (c) What are the different types of the Tender? Write about Open tender. **07**
- Q.4** (a) Which are the different points should cover in tender notice. **03**
- (b) Explain about Scrutiny of Tender. **04**
- (c) Draft a typical tender notice for any Civil Engineering work. **07**

**OR**

- Q.4** (a) Write short note on: Contractual dispute. **03**
- (b) Discuss the mode of payment to the contractor. **04**
- (c) Discuss various reasons for rejection of lowest tender. **07**
- Q.5** (a) Differentiate between departmental execution and contract system. **03**

**(b) What is the role of a subcontractor in construction? 04**

**(c) Explain the different activities in construction project. 07**

**OR**

**Q.5 (a) What is a contract risk? And which are the Steps for Evaluating Contract Risks? 03**

**(b) What is mediation in dispute resolution? 04**

**(c) Write in detail about Arbitration. 07**

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