

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

SECOND SEMESTER M.TECH DEGREE EXAMINATION (Regular), MAY 2023**STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT****(2021 Scheme)****Course Code: 21SC203****Course Name: Construction Risk and Contract Management****Max. Marks: 60****Duration: 3 Hours****PART A*****(Answer all questions. Each question carries 3 marks)***

1. Outline the term consideration as used in law of contract.
2. Describe the importance of pre-tender conference.
3. Differentiate between contractual and extra-contractual claims.
4. Describe how damages can be claimed in construction contracts?
5. Differentiate between arbitration and litigation.
6. What are the norms to be kept in mind while choosing an arbitrator?
7. Define risk management
8. Discuss the risk identification process.

PART B***(Answer one full question from each module, each question carries 6 marks)*****MODULE I**

9. Discuss the applicability of various types of contracts in construction. (6)

OR

10. List and explain the documents required for an engineering contract. (6)

MODULE II

11. Describe the procedure to be followed for submission of tender in online mode. (6)

OR

12. Under what circumstances, the time to submit a tender is extended? How it is notified to the contractor? (6)

MODULE III

13. Explain the roles and obligations of Client Project Manager and Contractor in contract administration. (6)

OR

14. Discuss the different types of claims in construction projects. How can we control claims in construction contracts? (6)

MODULE IV

15. Explain the steps involved in damage assessment. Explain the procedure for claiming damages. (6)

OR

16. Discuss the common types of breaches in construction. (6)

MODULE V

17. Describe how conflicts are managed in a construction project? How do conflicts affect the overall performance of a project? (6)

OR

18. Discuss the different modes of settlement of disputes. Compare the advantages and disadvantages of Conciliation. (6)

MODULE VI

19. Discuss the risk classification proposed by Al-Bahar and Crandall(1990). (6)

OR

20. What are the steps involved in the risk analysis and evaluation process? Explain with a flowchart. (6)
