

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

SECOND SEMESTER M.TECH DEGREE EXAMINATION (Regular), JULY 2022**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. Define contract and what are the features of a valid contract?
2. Distinguish between EMD and Security Deposit.
3. Distinguish between Quality Control and Quality Assurance.
4. Differentiate between actual breach and anticipated breach with examples.
5. Enlist the powers of an arbitrator.
6. Explain the method of mediation in dispute resolution.
7. What is Risk mapping?
8. Illustrate the importance of insurance in risk treatment.

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

9. Explain on discharge of contract. (6)

OR

10. List the types of contract and elaborate on any 3 types of contract. (6)

MODULE II

11. Illustrate the method of opening of tender, submitted in three covers. (6)

OR

12. Describe: (6)
- a) Prequalification and
 - b) Revocation of tenders

MODULE III

13. What are the responsibilities of an owner in an engineering contract. (6)

OR

14. Elaborate on any three claims that arise in a construction contract. (6)

MODULE IV

15. Describe the claims on damages for breach of contract. (6)

OR

16. Define breach of contract and illustrate it with a case study. (6)

MODULE V

17. Describe arbitration as a mode of settlement of dispute. (6)

OR

18. Enumerate the causes of disputes in a contract. (6)

MODULE VI

19. Summarize risk identification process. (6)

OR

20. Describe risk analysis and evaluation process. (6)
