

BE SECOND SEMESTER THIRD YEAR (CONSTRUCTION) EXAMINATION - 2019Subject : **CONSTRUCTION MANAGEMENT - III**

Time : Three hours

Full Marks: 100

PART - IAnswer parts of any question **SERIALLY**.

Answer any **THREE** questions from each block. Please start answering a question or part thereof from a **NEW** page. All questions carry equal marks. Answers should be brief. Different parts of the same question should be answered together.

BLOCK –A (Answer any **THREE** questions from this block)

CO1 [16.33]	1.(a) Discuss the various elements of a Contract or 'Agreement' in the light of Indian Contracts Act, 1872. (b) Discuss in brief the role of consultants in the process of a construction project right from tendering to completion
CO2, CO4 [16.33]	2. (a) Discuss the rights & obligations of contracting parties. What do you understand by a two party & a three party model in construction. (b) Discuss the appointment of Dispute Resolutions Expert in the light of FIDIC
CO3, [16.33]	3. (a) Distinguish between the basic role & functions of a 'DPR consultant' & a supervision consultant. (b) How can a 'PMC' play a pivotal role over the 'DPR' & supervision consultants.
CO4 [16.33]	4. (a) Enumerate the distinguishing features of 'The Arbitration Act, 1940' to the 'Arbitration & Conciliation Act, 1996'. When & how is an 'Arbitrator' appointed? (b) Discuss the concept of Arbitration in the light of 'Breach of Contract' & 'Defects Liability'. What is a 'Claims Statement'

Notes & Instruction:

PART - II

- a) Full score against each of the questions is indicated on the right hand side of the respective question(s).
b) Read carefully all the questions before answering and all the answers should be very brief and to the point.

Questions:

1. State two each 'rights' and 'obligations' on the part of Contractor and Employer in a Construction Contract. 4
2. What is 'void' contract? 1
3. How cost monitoring or cost management is done in a construction contract? 2
4. What are the major cost elements considered for computing 'Price Variation' adjustment to contract Price? 2
5. What is the percentage of 'fixed component', generally considered in a formula for computing Price Variation and why price variation is not allowed against this component? 2
6. What is the 'base date' of a construction contract and why is it important? 3
7. What is 'date the commencement' in a construction contract and is there any difference between 'date of award of contract' and 'date of commencement of work'? 3
8. How an agreement becomes a contract? 2
9. What are the advantages of 'Standard form of Contract'? 2
10. Who are the major stakeholders in a Construction Contract? 2
11. What is 'Contractor's All Risk Insurance Policy' in a Construction Contract? What is the period of validity of this Insurance Policy? 2
12. Give four examples of various types of Construction Contracts. 2
13. Why 'Payment Break Up Schedule' is of prime importance in a Lump Sum Contract? 2
14. What are the major conditions which entitle Contractor to seek 'Extension of Time' in Completion Schedule? 2
15. What are the unique features of 'Arbitration and Conciliation Act (Amendment), 2015'? 2
16. What is 'priority of documents' in a construction contract and why it is important? 3
17. What are the remedies available in the hand of Employer, when there is a 'breach in contract' by the contractor in a construction contract? 2
18. What is the process of dispute resolution in a construction contract? 3

19. Generally what are the risks are covered under 'Employer's Risk'? 2
20. Which are the events/circumstances that cause 'variation' in a construction contract? 2
21. What is Performance Security/Guarantee? What is the general limit of this guarantee in a construction contract? What is general validity period of performance guarantee in a construction contract? 3
22. State very briefly how, 'Adjustment to Contract Price' occurs/happens in a Construction Contract? 2