

Third Year

Subject: CONSTRUCTION MANAGEMENT - III

Time : Three hours

Full Marks: 100

Answer to the questions should be given in a **SERIAL** manner with all parts of the same question written together. This should be **STRICTLY ADHERED** to. Different parts of the same question should be answered together. Please use a **FRESH** page while answering a **NEW** question or any part of a new question. Answer any **FIVE** questions

CO1 [20]	1.(a) Discuss the cardinal elements of a Contract or 'Agreement' with reference to the Indian Contracts Act, 1872. [CO1] (b) Discuss in brief the role of consultants in monitoring a construction project right from tendering to completion. What is a 'Completion Certificate'? Why is it necessary? [CO1] 7 + 7 + 3 + 3 = 20
CO2 [20]	2. (a) Enlighten the Concept of Estimative Tendering with special reference to various forms of a Contract ? [CO2] (b) Compare the merits & demerits of any four types of contracts. [CO2] 3 + 5 + 4 X 3 = 20
CO2 [20]	3.(a) The role of a 'DPR consultant' is complementary to a 'Supervision Consultant' -- Discuss in the light of Contract Procedure. [CO2] (b) Enumerate the pivotal role of 'PMC' over 'DPR' & 'Supervision Consultant'. [CO2] 10 + 10 = 20
CO3 [20]	4. (a) How can you distinguish between Cash & Profit Flow. How can we achieve Cost Control in a project ? Discuss grounds & methods of preparation of 'Escalation Bills' [CO3] (b) Discuss joint measurement & preparation of RA bills in a construction contract. [CO3] 6 + 6 + 8 = 20
CO4 [20]	5. (a) Discuss the rights & obligations of contracting parties in the light of 'Specific Relief Act'. What do you understand by a two party & a three party model in construction. [CO4] (b) Discuss the concept of Arbitration in the light of 'Breach of Contract' & 'Defects Liability'. What is a 'Claims Statement' [CO4] 13 + 7 = 20
CO5 [20]	6. (a) Enumerate the distinguishing features of 'The Arbitration Act, 1940' to the 'Arbitration & Conciliation Act, 1996'. Discuss the process of appointment of an 'Arbitrator' ? Where & why can an 'Arbitral Award' be challenged ? [CO5] (b) Discuss the appointment of 'Dispute Resolutions Expert' in the light of FIDIC. [CO5] 13 + 7 = 20