

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: B.ARCH
BRANCH: ARCHITECTURE**

**SEMESTER : X
SESSION : SP/2023**

SUBJECT: AR551 PROFESSIONAL PRACTICE AND TENDERING PROCESS

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q.1(a)	Discuss how can architects get architectural consultancy work. Further enumerate upon their role as a professional architect.	[5] 1	analyse
Q.1(b)	Describe the differential aspects of the three types of architectural practices that can be set-up by architects.	[5] 3	evaluate
Q.2(a)	What is the professional conduct to be followed by architects as stated under the Architects (Professional Conduct) Regulations, 1989' regarding? i) advertisement of professional services of an Architect ii) responsibility towards clients	[5] 1	understand
Q.2(b)	State if the following statements related are true or false: i) The COA consists of all the heads of architectural institutions in India imparting full-time instruction for recognised qualifications. ii) The Council of Architecture is charged with the responsibility of maintaining only the register of architects. iii) Each competitor participating in an architectural competition does not retain the Copyright of his own competition design. iv) Only Regional Special Category Architectural competitions can be conducted without premium and honoraria. v) The Headquarters of IIA can never be shifted to any other place outside Mumbai	[5] 1&3	Remember, understand
Q.3(a)	i) What is N. I. T? ii) Provide the list of items that comprise tender documents.	[5] 2	Remember, understand
Q.3(b)	Describe the role of Assessors in conducting 'Two-Stage' architectural competitions.	[5] 4	analyse
Q.4(a)	i) Discuss under what circumstances is an architect not liable for any liability for the damage occurred to a building after its completion. ii) Define the term 'Quasi-Arbitrator'	[5] 3	Remember & analyse
Q.4(b)	Differentiate between any two of the following: i) Retention fund and mobilization fund ii) Earnest Money and Security Deposit iii) Project and Ideas Competition iv) Invitation to Tender by Public Notice and By Negotiations	[5] 2&4	Remember & analyse
Q.5(a)	i) Differentiate between the features and of 'Cost-Plus Percentage Tender' and 'Cost Plus Fixed Fee with Bonus and Penalty' Tender'. ii) Discuss and highlight the suitability of the types of tenders mentioned above.	[5] 2	Analyse & Evaluate
Q.5(b)	i) Give suitable examples to explain the terms 'Continuous Easement' and 'Discontinuous Easement'. ii) Describe, in what ways, the 'Easement Rights' to pass through someone's property can be acquired by the dominant heritage.	[5] 1&3	Remember & analyse