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

CLASS: B.ARCH **SEMESTER : X**
BRANCH: ARCHITECTURE **SESSION : SP/2025**

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.

			CO	BL
Q.1(a)	Enumerate upon and briefly discuss the various roles that may be taken up by an Architect.	[5]	1	Understand & Analyse
Q.1(b)	Discuss the differential aspects of the three types of architectural practices that can be set-up by architects.	[5]	3	Understand & Evaluate
Q.2(a)	Discuss the role of the Indian Institute of Architects in promoting the profession of Architecture?	[5]	1	Understand & Remember
Q.2(b)	The Council of Architecture, with the approval of the Central Government, has made regulations to promote the standard of professional conduct/ self-discipline required of an Architect. Name the regulation and discuss its outlays briefly.	[5]	1&3	Remember & Understand
Q.3(a)	i) What is N. I. T? Discuss the different methods in which tenders may be invited. ii) List the items that comprise tender documents. iii) Discuss the duties of the contractor prior to inviting of the tender.	[5]	2	Remember, Understand & Analyse
Q.3(b)	i) Discuss the difference between 'One-stage' and 'Two-Stage' architectural competitions. ii) Briefly discuss the role of Assessors in conducting architectural competitions.	[5]	4	Analyse
Q.4(a)	*Differentiate between <u>any two</u> of the following:* i) Earnest Money and Security Deposit ii) Project and Ideas Competition iii) Interim Certificate and Completion certificate.	[5]	3	Understand& Analyse
Q.4(b)	i) Differentiate between the features of the following tender types: '*Schedule of rates with percentage up or down*' and '*Cost Plus Fixed Fee with Bonus and Penalty*'. ii) Discuss and highlight the suitability of the types of tenders mentioned above.	[5]	2&4	Remember & Analyse
Q.5(a)	Discuss the role of Architects in context to 'Arbitration.'	[5]	2	Analyse & Evaluate
Q.5(b)	Giving suitable examples, discuss in what different ways 'Easement Rights' can be acquired.	[5]	1&3	Remember & Understand

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