

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

CLASS: BARCH
BRANCH: ARCHITECTURE

SEMESTER : IX/ADD
SESSION : MO/19

SUBJECT: AR9301-PROFESSIONAL PRACTICE & TENDERING PROCESS
TIME: 3 HOURS

FULL MARKS: 60

INSTRUCTIONS:

1. The question paper contains 7 questions each of 12 marks and total 84 marks.
 2. Candidates may attempt any 5 questions maximum of 60 marks.
 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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- Q.1(a) Explain the term “Professional Body” and its effectiveness in the architectural profession [2]
Q.1(b) Elaborate on the basic objectives as listed during formation of “The Indian Institute of Architects” [4]
Q.1(c) Elaborate on the system of formation of the Executive Council of “The Indian Institute of Architects” and explain the role of Chapters and Centers of IIA [6]
- Q.2(a) Explain the term “Registered Architect” [2]
Q.2(b) Discuss the client’s role and responsibilities towards the project as stated by the Council of Architecture [4]
Q.2(C) Write short notes on any two of the following: [6]
a) Minimum standard of Architectural Education b) Scale of Charges c) Project Brief
- Q.3(a) Once the agreement is signed with the client, it is mandatory for any Architect to provide the basic services as “Scope of Work”, instructed by COA. List out all of those, along with some allied fields. [2]
Q.3(b) Discuss the necessity and basic logic for stage-wise effective payment schedule for an architect in the various stages of services to be provided, as stated by COA. [4]
Q.3(c) Write short notes on any two of the following: [6]
a) Retention Money b) Components of a Tender document c) Reimbursable Expenses
- Q.4(a) Explain the purpose of Architectural Competition and the role of Assessors. [2]
Q.4(b) Explain in brief various types of competitions and eligibility criteria for taking part in all those competitions. [4]
Q.4(c) Discuss the basic conditions for conducting Architectural Competitions in India, as per the guideline of Council of Architecture. [6]
- Q.5(a) Various options are available with an Architect to enter the profession, explain those. [2]
Q.5(b) If one intends to work as an independent architect after graduation, explain with reason as what type of offices would he / she prefer to work for initial experience. [4]
Q.5(C) List out the possible merits and demerits of working as an architect in Private sector, Public sector and Govt. departments in India. [6]
- Q.6(a) Explain the term “Tender” in the context of construction activities and also explain its difference from “Contract”. [2]
Q.6(b) If you are engaged as an architect for a Luxurious residential building project; explain on the stages of action to be initiated by you from the concept to completion of the project. [4]
Q.6(C) List out various types of Tender for execution of projects, along with very brief about merit and demerit of each of those. [6]
- Q.7(a) Explain “Arbitration” in the context of construction. [2]
Q.7(b) Architects must be acquainted with relevant construction and environment related acts which may be applicable in that site. List out (minimum 8) of such acts with suitable explanation. [4]
Q.7(c) Write short notes on any two of the following: [6]
a) Land acquisition b) Easement of Property c) Stamp Duty for registration