

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18ENG74

Seventh Semester B.Arch. Degree Examination, June/July 2023 Specification, Quantity and Costing of Buildings

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing one full question from each module.

- Module-1**
- 1 a. Define Estimate. "Estimate is never the actual cost but it is approximate cost" Explain briefly. (10 Marks)
b. List and explain the factors affecting estimation of building. (10 Marks)
- OR**
- 2 Explain the following types of estimate:
i) Preliminary estimate
ii) Detailed estimate
iii) Revised estimate
iv) Supplementary estimate
v) Item rate estimate. (20 Marks)
- Module-2**
- 3 a. What is a contract? List and explain the different types of contract. (10 Marks)
b. What is a tender document? List the essentials of a tender. (10 Marks)
- OR**
- 4 Write short notes on:
i) EMD and Security retention.
ii) Measurement book and its importance.
iii) Safety norms to be followed at site.
iv) Administrative and technical sanction. (20 Marks)
- Module-3**
- 5 a. Define rate analysis. List and explain the sub-head costs taken into account. (10 Marks)
b. List and explain the different factors affecting the rate analysis. (10 Marks)
- OR**
- 6 Carry out the rate analysis for the following:
i) Earthwork excavation for foundation in ordinary soil.
ii) PCC bedding 1:4:8 for foundation.
iii) Coursed rubble masonry in CM 1:6.
iv) Painting plastered surface including preparation of surface. (20 Marks)

7

Estimate the quantities for the following items of work for a two room building shown in Fig.Q.7.

- i) Earthwork excavation in foundation.
- ii) PCC bed concrete 1:4:8.
- iii) First class brick masonry in CM 1:6.

[Both long wall and short wall method and centre line method].

(20 Marks)

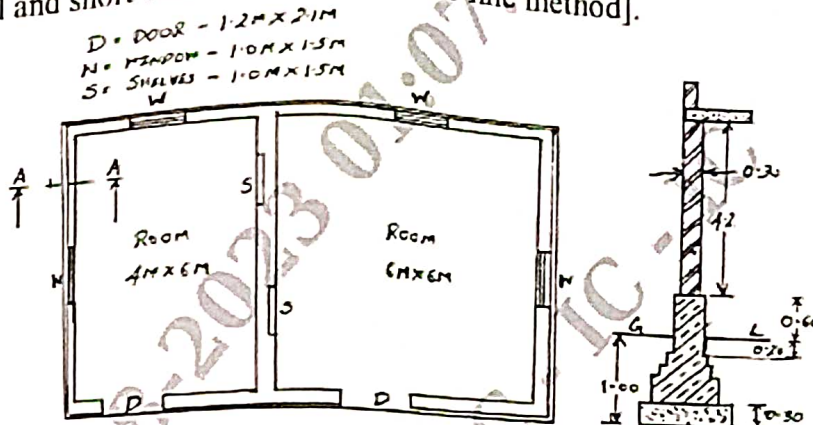


Fig.Q.7

OR

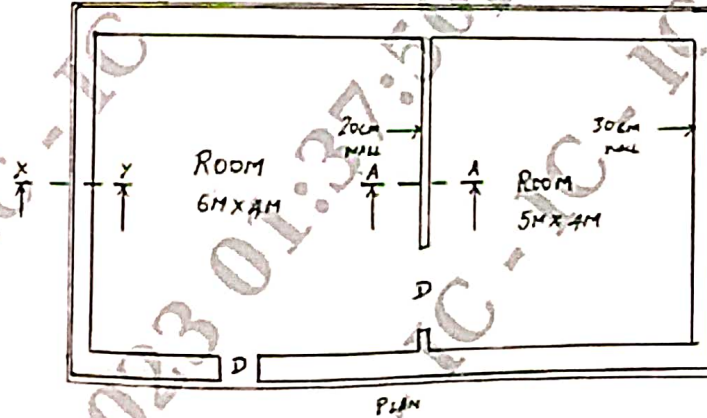
8

Estimate the quantities for the following items of work for a two room building shown in Fig.Q.8.

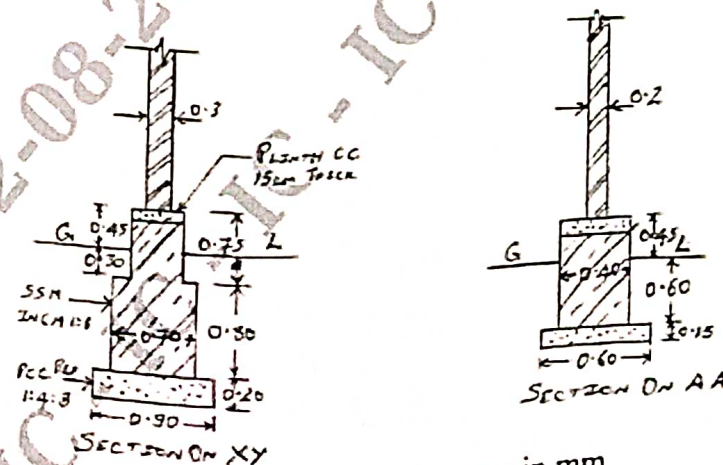
- i) Earthwork excavation in foundation
- ii) PCC bed concrete 1:4:8.
- iii) SSM in CM 1:6 for foundation.

[Both long wall and short wall method and centre line method].

(20 Marks)



PLAN



All dimensions are in mm
 Fig.Q.8

Module-5

9 Estimate the quantity of earthwork for a portion of road for 300m length from the following data. Formation width is 10m, side slopes in banking is 2:1 and side slopes in cutting is 1.5:1.

Distance	0	30	60	90	120	150	180	210	240	270	300
RL of ground	101	100.9	100.5	100.7	100.8	100.6	100	99.8	99.2	99.1	98.5

The formation level at the first chainage is 102. The road is in downward gradient of 1 in 50 upto distance of 120m. Afterward gradient changes to 1 in 100.

(20 Marks)

OR

10 Explain the following:

- i) Certificate of virtual completion
- ii) Liquidated damages
- iii) Ra bill and final bill
- iv) Payment certificate
- v) Security deposit.

(20 Marks)

--	--	--	--	--	--	--	--

Seventh Semester B.Arch. Degree Examination, June/July 2023

Professional Practice – I

Time: 3 hrs.

Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.

2. Use suitable illustrations wherever necessary.

Module-1

- 1 a. Explain ten essential points of code of professional conduct in the Architectural profession. (10 Marks)
- b. Narrate the essence of four important sections of Architects Act, 1972. (10 Marks)

OR

- 2 a. What are the various scope of services of an architect towards clients services? (05 Marks)
- b. List all the services and stages of payment towards the professional fees. (15 Marks)

Module-2

- 3 a. Describe the various types of Architecture practices. (10 Marks)
- b. Discuss the hierarchy of activity in a typical Architectural practice. (10 Marks)

OR

- 4 a. Discuss the purpose of holding an Architectural competition. (10 Marks)
- b. Elaborate on the types of Architectural competitions. (10 Marks)

Module-3

- 5 a. Explain what is a tender document and its contents in detail. (10 Marks)
- b. What is the architects' role in the tender processing? (10 Marks)

OR

- 6 Write short notes on :
- a. Earnest Money Deposit (05 Marks)
- b. Security Deposit (05 Marks)
- c. Retention Amount (05 Marks)
- d. Mobilization Amount (05 Marks)

Module-4

- 7 Explain the different basic types of contracts that are used in building industry. Explain them in details by high lighting advantages and disadvantages. (20 Marks)

OR

- 8 Define the following terms :
- a. Force majeure
- b. Clerk of works
- c. Surety
- d. Escalation. (20 Marks)

Module-5

- 9 List the various chapters of Master plan of any city in general. Elaborate the importance of each chapter. (20 Marks)

OR

- 10 Explain the relevance of the various criteria adopted while fixing FAR. (20 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

15ARC72

Seventh Semester B.Arch. Degree Examination, Dec.2023/Jan.2024 Materials and Methods in Building Construction – VII

Time: 4 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 Write short notes on :
- Particle board (05 Marks)
 - HDF (05 Marks)
 - Plywood (05 Marks)
 - Laminate and veneer. (05 Marks)

OR

- 2 Design a full height wardrobe with sliding shutters which is 2.00M length, 2.4m height and 0.6m wide. Give details of the drawers fixing detail 2 elevations (with and without shutters) and sections.
- Plan and elevations – 1 : 20 (15 Marks)
 - Detail – 1 : 5. (05 Marks)

Module-2

- 3
- What is a golden triangle in kitchen designing? Explain. (10 Marks)
 - Sketch a kitchen which is 3m × 6m and design the lower cabinets and top hung cabinets + counter top accordingly. Show a typical section through the kitchen [Scale 1 : 20]. (10 Marks)

OR

- 4 A partition is to be designed between living and dining space. Draft the same for a space length being 3.2m, height 2.1m and thickness can be assumed based on the design.
- Plan elevation and section scale – 1 : 20 (10 Marks)
 - Details scale – 1 : 5. (10 Marks)

Module-3

- 5 False ceiling is to be provided for a kids bedroom of size 3.4m × 6.2m. Design with creative element.
- Plan 1 : 20 scale (10 Marks)
 - Part section 1 : 10 scale (04 Marks)
 - Any 2 details. (06 Marks)

OR

6 Write brief short notes :

- a. Cove lighting (05 Marks)
- b. Acoustical ceiling (05 Marks)
- c. Pre stressing (05 Marks)
- d. Post tensioning (05 Marks)

Module-4

- 7 a. Write short notes on of pile foundations with types. (10 Marks)
- b. Explain MAT foundations with neat sketches and dimensions. (10 Marks)

OR

- 8 a. Explain in detail cast in situ piles with sketches. (10 Marks)
- b. Sketch and explain different types of concrete pillars with dimensions. (10 Marks)

Module-5

- 9 a. Explain prefabrication with sketches. (10 Marks)
- b. Discuss with sketches various bamboo trusses that can be designed. (10 Marks)

OR

- 10 a. Discuss the various Eco-friendly methods of presentation of bamboo. (10 Marks)
- b. Design a cabin of size 3m × 3m using bamboo with plan, elevation and section 1 : 20 scale and detail (one) 1 : 5 scale. (10 Marks)

--	--	--	--	--	--	--	--	--	--

Seventh Semester B.Arch. Degree Examination, June/July 2023
Urban Design

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing one full question from each module.

- Module-1**
- 1 a. "A city can be understood better through visual experience" Explain this concept in the design perspective of Gordon Cullen. Give relevant sketches through examples wherever deemed fit. (10 Marks)
- b. Explain the role of squares in urban design through an example of an International city and an Indian city. Elaborate on ideology through relevant sketches. (10 Marks)

OR

- 2 a. Explain the urban design terminologies through relevant examples:
- Neighbour Hood
 - Street
 - Block
 - Building
 - Architectural Elements.
- (10 Marks)
- b. "A city has a wide scope for perceptions and interpretations" Explain in the context of any historical / heritage city." (10 Marks)

Module-2

- 3 a. Explain the role of walkability and imageability in an urban street through valid examples. (05 Marks)
- b. Explain the various elements of public image through Kevin Lynch's ideologies describe in "Image of a City". (15 Marks)

OR

- 4 a. Elaborate your views on enhancing the quality of urban design through pedestrian. (08 Marks)
- b. Explain the social and cultural influence on architecture an urban design through the principles established in the book "Death and life of great American cities" by Jane Jacob. (12 Marks)

Module-3

- 5 a. Elaborate on the concepts of transformation of street design through organization of space and form. (10 Marks)
- b. Theories and works by Collin Rowe on street designs and public square façade. (10 Marks)

OR

- 6 Describe your personal experiences while walking through streets in your neighborhood in the context of the following:
- Built, semi built and unbuilt spaces:
 - Scale and Proportion
 - Non motorized transport inter ventions
 - Historic and heritage value of building.
- (20 Marks)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Seventh Semester B.Arch. Degree Examination, June/July 2023
Urban Design

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing one full question from each module.

- Module-1**
- 1 a. "A city can be understood better through visual experience" Explain this concept in the design perspective of Gordon Cullen. Give relevant sketches through examples wherever deemed fit. (10 Marks)
- b. Explain the role of squares in urban design through an example of an International city and an Indian city. Elaborate on ideology through relevant sketches. (10 Marks)
- OR**
- 2 a. Explain the urban design terminologies through relevant examples:
 i) Neighbour Hood
 ii) Street
 iii) Block
 iv) Building
 v) Architectural Elements. (10 Marks)
- b. "A city has a wide scope for perceptions and interpretations" Explain in the context of any historical / heritage city." (10 Marks)
- Module-2**
- 3 a. Explain the role of walkability and imageability in an urban street through valid examples. (05 Marks)
- b. Explain the various elements of public image through Kevin Lynch's ideologies describe in "Image of a City". (15 Marks)
- OR**
- 4 a. Elaborate your views on enhancing the quality of urban design through pedestrian. (08 Marks)
- b. Explain the social and cultural influence on architecture an urban design through the principles established in the book "Death and life of great American cities" by Jane Jacob. (12 Marks)
- Module-3**
- 5 a. Elaborate on the concepts of transformation of street design through organization of space and form. (10 Marks)
- b. Theories and works by Collin Rowe on street designs and public square façade. (10 Marks)
- OR**
- 6 Describe your personal experiences while walking through streets in your neighborhood in the context of the following:
 i) Built, semi built and unbuilt spaces:
 ii) Scale and Proportion
 iii) Non motorized transport inter ventions
 iv) Historic and heritage value of building. (20 Marks)

Module-4

- 7 Write short notes on any two of the following in terms of public spaces:
- Connaught place, Delhi
 - Gateway of India, Mumbai
 - Taj Mahal, Agra
 - Esplanade, Kolkata
 - Commercial street, Bangalore.

(20 Marks)

OR

- 8 The urban streets are majorly influenced by the formal and informal environments which affect the legibility and imageability of streets. Explain in terms of any one Indian city.

(20 Marks)

Module-5

- 9 Elaborate on the role of Human activities in enhancing the built environment by choosing any two of the following derivatives:
- Any shopping mall or recreational space you have witnessed.
 - Any commercial or industrial complex you have come across.
 - Any food street or food market you have been to.

(20 Marks)

OR

- 10 Elaborate on the principles laid down by Kenneth Frampton and Charles Correa on critical regionalism. Also derive its role in Indian context. Give relevant sketches.

(20 Marks)

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18ARC73

Seventh Semester B.Arch. Degree Examination, Dec.2023/Jan.2024 Building Services - IV

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

- Module-1**
- 1 Describe the characteristics and measurement of sound with relevant diagram. (20 Marks)
- OR
- 2 Discuss the room acoustics with reflection, absorption, echoes, reverberation with sketches. (20 Marks)
- Module-2**
- 3 Describe various acoustical tools and measurements with appropriate sketches. (20 Marks)
- OR
- 4 Discuss about the acoustical materials which will enhance the existing spaces. (20 Marks)
- Module-3**
- 5 Explain Transmission of Noise in a Multi-storied school building through sketches. (20 Marks)
- OR
- 6 Conference room is located next to the AHV in a industrial space. Suggest suitable construction details with sketches. (20 Marks)
- Module-4**
- 7 Explain machine isolation and staggered wall STVD construction with neat sketches. (20 Marks)
- OR
- 8 What is environmental noise control? Explain mass law and design principles for reduction at and near source with sketches. (20 Marks)
- Module-5**
- 9 What are the various sources of industrial noise pollution? Explain any 5 causes. (20 Marks)
- OR
- 10 Describe the role of architects and urban planners in shaping the urban soundscape with sketches. (20 Marks)

* * * * *

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18ARC73

Seventh Semester B.Arch. Degree Examination, Dec.2023/Jan.2024 Building Services - IV

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

- Module-1**
- 1 Describe the characteristics and measurement of sound with relevant diagram. (20 Marks)
- OR
- 2 Discuss the room acoustics with reflection, absorption, echoes, reverberation with sketches. (20 Marks)
- Module-2**
- 3 Describe various acoustical tools and measurements with appropriate sketches. (20 Marks)
- OR
- 4 Discuss about the acoustical materials which will enhance the existing spaces. (20 Marks)
- Module-3**
- 5 Explain Transmission of Noise in a Multi-storied school building through sketches. (20 Marks)
- OR
- 6 Conference room is located next to the AHV in a industrial space. Suggest suitable construction details with sketches. (20 Marks)
- Module-4**
- 7 Explain machine isolation and staggered wall STVD construction with neat sketches. (20 Marks)
- OR
- 8 What is environmental noise control? Explain mass law and design principles for reduction at and near source with sketches. (20 Marks)
- Module-5**
- 9 What are the various sources of industrial noise pollution? Explain any 5 causes. (20 Marks)
- OR
- 10 Describe the role of architects and urban planners in shaping the urban soundscape with sketches. (20 Marks)

Important Note : 1. On completing your answers, cursorily draw diagonal cross lines on the remaining blank spaces.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18ARC73

Seventh Semester B.Arch. Degree Examination, Dec.2023/Jan.2024 Building Services - IV

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

- Module-1**
- 1 Describe the characteristics and measurement of sound with relevant diagram. (20 Marks)
- OR**
- 2 Discuss the room acoustics with reflection, absorption, echoes, reverberation with sketches. (20 Marks)
- Module-2**
- 3 Describe various acoustical tools and measurements with appropriate sketches. (20 Marks)
- OR**
- 4 Discuss about the acoustical materials which will enhance the existing spaces. (20 Marks)
- Module-3**
- 5 Explain Transmission of Noise in a Multi-storied school building through sketches. (20 Marks)
- OR**
- 6 Conference room is located next to the AHV in a industrial space. Suggest suitable construction details with sketches. (20 Marks)
- Module-4**
- 7 Explain machine isolation and staggered wall STVD construction with neat sketches. (20 Marks)
- OR**
- 8 What is environmental noise control? Explain mass law and design principles for reduction at and near source with sketches. (20 Marks)
- Module-5**
- 9 What are the various sources of industrial noise pollution? Explain any 5 causes. (20 Marks)
- OR**
- 10 Describe the role of architects and urban planners in shaping the urban soundscape with sketches. (20 Marks)

* * * * *

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

CBCS SCHEME

USN

1 I S 1 8 A T 0 0 4

18ARC82

Eighth Semester B.Arch. Degree Examination, June/July 2023 Materials and Methods in Building Construction - VIII

Time: 4 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Explain prefabrication, its advantages and disadvantages. (10 Marks)
b. Elaborate on comparative analysis between aluminium form work and conventional timber form work. (10 Marks)

OR

- 2 Write short notes on box Caisson's and Cofferdam. (20 Marks)

Module-2

- 3 a. What is Data Silo and Cloud collaboration? (10 Marks)
b. What do you understand by the term simulation? Explain its benefits. (10 Marks)

OR

- 4 a. What is 3D printing and explain its advantages. (10 Marks)
b. What is BIM? Elaborate on the use of BIM in construction management. (10 Marks)

Module-3

- 5 a. Explain Life Cycle Analysis. (05 Marks)
b. Describe the four stages that are assessed in a life cycle assessment. (15 Marks)

OR

- 6 a. Differentiate between repairs and retrofits. (10 Marks)
b. Explain two techniques for each on repairs and retrofits. (10 Marks)

Module-4

- 7 What do you understand by GRIHA? Explain any three major components that result in points for GRIHA rating. (20 Marks)

OR

- 8 Explain methods of Harvesting and Conserving energy to achieve a Net Zero Energy Building. (20 Marks)

Module-5

- 9 Explain in detail any four smart materials and its application in the construction industry. (20 Marks)

OR

- 10 Explain in detail any four Nano material and its application in the construction industry. (20 Marks)

CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18ENG85

Eighth Semester B.Arch. Degree Examination, June/July 2023 Construction and Project Management

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

1 Write short notes on the following:

Module-1

- Project scope
- Project budgeting
- Project planning
- Project scheduling.

(20 Marks)

OR

2 Explain in detail the purpose of project management with suitable examples.

(20 Marks)

Module-2

3 Write short notes on the following:

- SWOT analysis.
- Cost/Benefit analysis.

(10 Marks)

(10 Marks)

OR

4 Explain in detail role of the project manager in construction project.

(20 Marks)

Module-3

5

Activity	Duration in days	Preceding	Following
A	3	-	B, C
B	2	A	D, E
C	3	A	F
D	5	B	F
E	6	B, C	F, G
F	5	D, E	-
G	4	E	-

a. Draw network diagram and find EST, LST, EFT, LFT.

(10 Marks)

b. Find Total Float (T.F), Free Float (F.F) and Independent Float (I.F).

(10 Marks)

OR

6

Activity	T ₁	T ₂	T ₃
AB	2	5	8
AC	2	4	6
BD	3	5	13
BE	2	3	10
CE	4	6	14
CF	4	8	12
EG	6	9	16
FG	4	10	16

a. Draw the network diagram and find EST, LST, EFT, LFT.

(10 Marks)

b. Find Total Float, Free Float and Independent Float.

(10 Marks)

- Module-4**
- 7 Explain in detail the quality audits and process analysis in construction projects. (20 Marks)
- OR
- 8 Explain in detail the process of project measurement and control of the construction projects. (20 Marks)
- Module-5**
- 9 Explain in detail owning and operating cost of construction equipment. (20 Marks)
- OR
- 10 Write short notes on the following:
- a. Hauling Equipments (10 Marks)
 - b. Hoisting Equipments. (10 Marks)

* * * * *

USN

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

15ARC86

Eighth Semester B.Arch. Degree Examination, June/July 2023
Project and Construction Management

Time: 3 hrs.

Max. Marks: 100

*Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
 2. Use of z (probability) tables for numerical are permitted.*

1 **Module-1**
 What is Project Management? Its objectives and principles and study areas of project managements with respect to building industry. (20 Marks)

OR

2 Explain the types of construct project and its life cycle stages. Why managing the life cycle stages is necessary? (20 Marks)

Module-2

3 Write short notes on : (20 Marks)
 i) SWOT Analysis
 ii) Project planning
 iii) Project Scheduling
 iv) Project Controlling.

OR

4 Explain the role of computer applications in Project Management. (20 Marks)

Module-3

5 Carry out the PERT analysis for the following data and workout the T_E and standard deviation of the project and make statements on probabilities of completions if T_E is increased and decreased. What is the probability of completion of the project in 45 days and 38 days?

Activity	Optimistic t_o	Pessimistic t_p	Most likely t_m
A	3	21	12
B	1	7	4
C	5	17	14
D	2	14	5
E	6	30	15

(Refer 2 probability tables). (20 Marks)

OR

6 Explain the following techniques used in project scheduling and management: (20 Marks)
 a. Work break down structure
 b. Bar chart
 c. Milestone chart
 d. Network theories PERT and CPM.

Module-4

- 7 a. Explain the find checking method before certifying the works on site based on BoQ and terms of contract. (10 Marks)
- b. Role of project manager is highly serious in any project, so is construction manager highlight the major differences between PM and CM. (10 Marks)

OR

- 8 a. What is the difference between quality control, assurance and management? (05 Marks)
- b. Construction works safety and health are essential component in labour management. Enumerate the various standard in force to ensure construction workers and site environment. (15 Marks)

Module-5

- 9 a. What are the benefits of mechanical equipment's in the Construction Industry. (10 Marks)
- b. Explain the different types of equipment employed in concreting operations. (10 Marks)

OR

- 10 What are the standard equipment's used for a high rise construction, Elaborate any three with neat sketches. (20 Marks)

CBCS SCHEME

18ARC82

USN

--	--	--	--	--	--	--	--	--	--

Eighth Semester B.Arch. Degree Examination, June/July 2023 Materials and Methods in Building Construction - VIII

Time: 4 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Explain prefabrication, its advantages and disadvantages. (10 Marks)
b. Elaborate on comparative analysis between aluminium form work and conventional timber form work. (10 Marks)

OR

- 2 Write short notes on box Caisson's and Cofferdam. (20 Marks)

Module-2

- 3 a. What is Data Silo and Cloud collaboration? (10 Marks)
b. What do you understand by the term simulation? Explain its benefits. (10 Marks)

OR

- 4 a. What is 3D printing and explain its advantages. (10 Marks)
b. What is BIM? Elaborate on the use of BIM in construction management. (10 Marks)

Module-3

- 5 a. Explain Life Cycle Analysis. (05 Marks)
b. Describe the four stages that are assessed in a life cycle assessment. (15 Marks)

OR

- 6 a. Differentiate between repairs and retrofits. (10 Marks)
b. Explain two techniques for each on repairs and retrofits. (10 Marks)

Module-4

- 7 What do you understand by GRIHA? Explain any three major components that result in points for GRIHA rating. (20 Marks)

OR

- 8 Explain methods of Harvesting and Conserving energy to achieve a Net Zero Energy Building. (20 Marks)

Module-5

- 9 Explain in detail any four smart materials and its application in the construction industry. (20 Marks)

OR

- 10 Explain in detail any four Nano material and its application in the construction industry. (20 Marks)

CBGS SCHEME

15ARC84

USN

--	--	--	--	--	--	--	--	--	--

Eighth Semester B.Arch. Degree Examination, June/July 2023

Professional Practice – II

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 Enumerate in detail the procedure followed in settling disputes through Arbitration. (20 Marks)

OR

- 2 a. Explain in detail various alternative disputes resolution methods as enumerated in the 'Arbitration and conciliation Act 1996'? (10 Marks)
b. What are the powers and duties of Arbitrator? (10 Marks)

Module-2

- 3 a. What are the features of dilapidation report? Enumerate with an example. (10 Marks)
b. What are the factors that cause depreciation? Explain any two methods of depreciation? (10 Marks)

OR

- 4 a. Explain 'Contractual Rent' and 'Standard Rent'. (10 Marks)
b. Enumerate in detail the types of 'Land ownership'. (10 Marks)

Module-3

- 5 a. What are the types of insurance that a contractor should take? (10 Marks)
b. What are the professional duties and liabilities of an architect? (10 Marks)

OR

- 6 a. What are the roles and responsibilities of architect? (10 Marks)
b. Enumerate the procedure to settle 'Fire insurance claim'. (10 Marks)

Module-4

- 7 a. Define easement. What are some easement rights for the enjoyment of the land owner? (05 Marks)
b. Explain various methods of acquiring easements. Give one example for each. (15 Marks)

OR

- 8 a. What do the terms 'Nuisance' and 'trespass' mean. (20 Marks)
b. What is the procedure of 'Registration of Land'?

Module-5

- 9 a. Briefly explain RERA 2016 and its impact on construction industry. (10 Marks)
b. What are some civil laws you might come across as an architect? (10 Marks)

OR

- 10 a. Explain salient features of Land Acquisition, Rehabilitation and Resettlement Act (LARR) 2015. (10 Marks)
b. What are the new features added in Consumer Protection Act 2019? (10 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and/or equations written eg. 42+8=50, will be treated as malpractice.