Q.No. | Question | M.M.
--- | --- | ---
1. | Describe the various scales of design, and explain the importance of Urban Design. OR Explain the role of the community in the formation and usage of public spaces, giving examples from the city of Aligarh. | [15]
2. | What are the five elements of urban design as hypothesised by Kevin Lynch in his book *Image of the City*? Explain in detail. | [10]
3. | Write short notes on any 5 of the following: 
(a) Legibility. 
(b) Urban Permeability. 
(c) Urban Porosity. 
(d) Components of demographic study. 
(e) Traffic movement and its calculations. 
(f) Public Spaces in Aligarh. | [15]
4. | Briefly enlist and describe various components of urban analysis for analysing an urban public park. | [10]
5. | Shed light on traffic and movement in the AMU Campus, and frame *TWO* architectural/urban design projects which can help to achieve walkability and the creation of community spaces. | [10]
Write to the point answering all questions (which carry equal marks) avoiding inbuilt or other-wise choice. Support your write-ups with sketches, relevant examples and quotes.

1. What is disaster and discuss about the classification of various disasters. What are the preventive measures that an architect/planner can suggest by way of design, detail and layout in mitigating those Disasters?
   OR

1'. Discuss the traditional practices and vernacular construction methods of rural housing in Indian context. Illustrate your answers with suitable examples and sketches.

2. Write the various schemes for poverty alleviation and slum upgradation. Discuss in detail any two of the following:
   i) AMRUT    ii) IAY    iii) Smart city mission

3. Discuss the repayment concept of EMI in terms of Interest Rate, Loan-tenure and Size of loan. How does Stepped-Up EMI help a borrower secure a larger loan than one’s affordability?

4. Differentiate between any three of the following:
   a) Site & Services Scheme and EWS Housing Scheme
   b) Viability of housing and dual affordability
   c) Self-help component of housing and Non-Engineered buildings
   d) ULCRA 1976 and its Repeal.
Answer any FIVE questions. All questions carry equal marks

Q.1 (a) Discuss in detail classification of Tenders with example
(b) Define and discuss with example the following terms related with civil engineering contracts
   (i) Offer (ii) Acceptance (iii) Earnest Money (iv) Security Deposit
   (v) Agreement (vi) Liquidated Damages

Q.2 (a) Draft a Tender Notice, for the work of construction, of a small school building costing Rs, 5 crore
(b) What are the essential elements of a valid contract? Discuss in brief with example

Q.3 (a) List and discuss in detail the various factors which affect the valuation of building.
(b) Discuss various uses of valuation of building in detail.

Q.4 (a) Discuss concept of Arbitration in detail with example. Also discuss advantages of Arbitration, as against Litigation.
(b) Discuss various types of Arbitration in detail.

Q.5 (a) Discuss types of Architecture Competitions in detail with example.
(b) Write the difference between technical and professional advisors for conducting competition.

Q.6 (a) Explain the spirit of Architect Act, 1972 and discuss following terms as per Architect Act 1972 with example;
   i) Architect ii) Qualification for registration iii) COA
(b) Describe section 10, and section 26 of Architect's Act 1972 with its applicability.

Q.7 (a) Discuss various stages of architectural services offered by an architect and fee due, at every stage with a suitable example.
(b) Write A criticism on clauses of code of professional conduct Approved by Council of Architecture.