2016-17
B.ARC. (WINTER SEMESTER) EXAMINATION
Vth Year
URBAN DESIGN
AR-507

Maximum Marks: 60
Credits: 04
Duration: Two Hours

Answer all the questions.
Support your answers with neat sketches.
Notations used have their usual meaning.

1. Answer any two of the following questions in brief: [2x7.5]
   a) Why is the urban design and public realm important for a city?
   b) Write down the salient features of Urban Village.
   c) Discuss the large scale robustness and small scale robustness.

2. What do you understand the term “Richness” in urban design context? How it is relevant in present day in the practice of architecture. [15]

3. What do you understand by the term “Continuity and Enclosure” in urban design context? How it is important in architectural design? Substantiate your answer with suitable examples. [15]

4. Explain any two of the following [2x7.5]
   a) What makes the visuals appropriate?
   b) Write down physical elements of legibility.
   c) Discuss the permeability with respect to public and private space.
   d) Variety and Choice of a place.
Write to the point answering all questions availing inbuilt or other-wise choice.
Support your write-ups with Sketches relevant examples and quotes.

1. Write short notes on following:
   a) Utility and futility ULCRA 1976
   b) Stepped up EMI
   c) Slum alleviation programs
   d) Appropriate Rural Housing Technology
   e) Non Engineered Buildings.

2. Discuss the present housing scenario of the country of high urban housing demand vis-à-vis low rural housing demand.

   OR

2' Discuss the contribution of architects, planners, engineers and administrators in mitigating the natural/man-made disasters.

3. Differentiate between: (Any four)
   a) Site - Services scheme and rehabilitation programs.
   b) Margin Money and Pre-EMI interest.
   c) Individual finance and Institutional Finance.
   d) Flatted Development and Duplex Housing.
   e) Rescue Operations and relief programs.
Q. 1: Define Architects' Act 1972 and discuss the role of I.I.A. and the Council of Architecture in promotion of the architectural profession in India.

Q. 2: The Council of Architecture has laid down a scale of professional fees for architects. Discuss briefly the scale and explain rationale of this provision when there is no such stipulation in other professions like Medicine and Law.


Q. 4: Suggest the type of Architectural Competition which shall be proposed for an iconic project of Government of Uttar Pradesh costing 400 crore rupees. Describe procedure for conducting the same, briefly mentioning the duties of Promoter and Assessor of such a competition.

Q. 5: Write short notes on any THREE of the following:
- a) Architectural Copyright
- b) Clerk of Works
- c) Procedure of Registration
- d) Tenders

Q. 6: Differentiate between any THREE of the following:
- a) Mediation and Conciliation
- b) Estimation and Valuation
- c) Earnest Money and Retention Money
- d) Extras and Extra Items

Q. 7: What do you understand by Arbitration? Discuss the power and duties of an arbitrator and the procedure of arbitration.