2018-19
M. ARCH. I SEMESTER EXAMINATION (ARCHITECTURE)
CONTEMPORARY ARCHITECTURE: THEORIES AND TRENDS
MAR-6010

Maximum Marks: 60

Note: Attempt all questions.
Use sketches and illustrations wherever required.

Duration: Two Hours

Q.No.  Question                                            M.M.
1.     Describe the role of the Industrial Revolution in the modernisation of architecture. [15]
       OR
       Describe the International Style of Architecture, and explain the role of Modernism in its evolution.
2.     *Ornamentation in architecture is a crime.* [10]
       Write an essay in support of, or against the aforesaid statement.
3.     What is the Post Modern architectural style, and what are the reasons behind its rise? [10]
       OR
       Elaborate upon the role and works of Robert Venturi and his wife Denise Scott Brown in paving the path for Post Modern Architecture.
4.     Write short notes on any 5 of the following: [15]
       (a) De Constructivism.
       (b) Parametric Design.
       (c) Philosophy of the Bauhaus School.
       (d) Philosophy of De Stijl.
       (e) Tadao Ando’s Church of Light.
       (f) Difference between Modern and Contemporary Architecture.
       (g) Philosophy of Le Corbusier.
5.     Describe the architectural philosophy of any Indian architect of your choice, using any one of his/her projects as an example. Use sketches and illustrations to explain. [10]
2018-19
M. ARCH (FIRST SEMESTER) EXAMINATION
ARCHITECTURE
ECOLOGY AND SUSTAINABLE DEVELOPMENT
MAR-6030

Maximum Marks: 60
Duration: Two Hours

Answer all the questions. Support your answers with relevant sketches where necessary.

1 Define the following terms: (any six) [6x2=12]
   (a) Ecosystem
   (b) Primary consumers
   (c) Black box
   (d) Model
   (e) Ecological pyramid
   (f) Food chain
   (g) Unsubsidized Natural solar-powered ecosystem

2 What are the various states of an ecosystem? Explain citing relevant examples. [4+8=12]
   OR

2’ How can ecosystems be classified based on source and level of energy? Explain in detail each one of them. [4+8=12]

3 What are Geochemical cycles? Explain any two in detail. [2+10=12]

4 Discuss climatology and Regional Planning as integral component of man-made ecosystem which possibly can alter the design and development parameters of urban planning. [12]
   OR

4’ Discuss the importance of sustainable lifestyles in evolving successful design and development of eco-buildings and eco-cities. [12]

5 Write short notes on the following (any two): [2x6=12]
   (a) Urban heat island and its impact on micro and meso climate.
   (b) Aerosols, resultant urban wind patterns and their impact on air pollution.
   (c) Eco-communities, their beliefs and its moderating effect on fast deteriorating environmental imbalances.
   (d) Architects and planners role in evolving sustainable Urban development strategies in sync with ecology.

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X-----------------X-----------------------
1. Discuss the design implications of various objectives and principles of Urban Design in creating an urban environment/space.

   OR

1'. Explain the key physical elements as advocated by Kevin Lynch to improve visual image of a City.

2. Explain the salient characteristics of settlements during Greek OR Medieval period with the help of suitable examples.

3. Discuss the social usage of Public Realm and their significance in urban design.

   OR

3'. What do you understand by Urban Space and Urban Mass. Discuss in detail.

4. Explain the following:
   a. Vista and Skyline
   b. Scale in Urban Design
   c. Urban Spaces and Open Spaces