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09ARC5.8

Fifth Semester B.Arch. Degree Examination, June/July 2019

Theory of Architecture – I

Time: 3 hrs.

Max. Marks: 100

**Note: 1. Answer any FIVE full questions.
2. Draw relevant and neat sketches.**

- 1 a. Highlight the role of "balance" in design to obtain aesthetics. Quote suitable examples and sketches. (10 Marks)
b. Sketch and explain :
i) Accentuation
ii) Restraint. (10 Marks)
- 2 a. Compare symmetry with asymmetry in terms of positive and negative aspects. Use sketches. (12 Marks)
b. Explain the role of rhythm in design, with illustrations and examples. (08 Marks)
- 3 Discuss the role of the following organizing principles in architecture composition:
a. AXIS (07 Marks)
b. DATUM (07 Marks)
c. HIERARCHY. (06 Marks)
- 4 Describe and compare centralized and clustered forms of spatial organization with sketches and examples. (20 Marks)
- 5 Enumerate the structural and aesthetic aspects and applications of i) Brick and ii) Concrete with suitable examples and sketches. (20 Marks)
- 6 Discuss the impact of the following in development of any style of architecture :
a. Materials available locally and location
b. Religions and political reasons influencing a style. (20 Marks)
- 7 a. Give one noted example for the use of exposed CONCRETE for aesthetic and structural purposes. Explain its features. (10 Marks)
b. Give one noted example for the use of GLASS for aesthetic purpose. Explain its features. (10 Marks)
- 8 a. Explain the idea of PERSONAL STYLE (of an architect) in architecture, with the help of a noted architect's style. (10 Marks)
b. Explain the evolution of Modernism, Post-Modernism and Deconstruction styles in Architecture in Europe in the 20th century. (10 Marks)
