

09ARC 5.8 – THEORY OF ARCHITECTURE-I

Written by Administrator
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CONTACT PERIODS :3 (LECTURE) PER WEEK

DURATION OF EXAM : 3 HOURS

EXAM MARKS : 100

PROGRESSIVE MARKS : 50

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Objective:

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To acquaint the students with the basic aesthetic principles involved in architectural design.

Outline:

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Principles of architectural composition – unity, balance, proportion, scale, contrast, harmony, accentuation, restraint, definition, repose, vitality, strength - with the help of illustrations of buildings, both historical as well as contemporary.

Organizing principles of architectural composition – symmetry, hierarchy, datum, axis, rhythm

– different types of spatial organizations of masses – linear, centralized, radial, clustered, grid organization – illustrations of buildings both historical as well as contemporary.

Use and need of ornament in architectural design – different types of ornamentation in buildings – historical perspective of the use of ornament in buildings.

Use of different materials like brick, timber, stone, concrete, glass for aesthetic and structural purposes.

Style in architecture – basis for classification of styles – evolution of styles.

References:

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1. “ Form, Space and Order” by Francis DK Ching

2. “Design Fundamentals in Architecture” by Parmar VS