

CBCS SCHEME

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18ARC36

Third Semester B. Arch. Degree Examination, Jan./Feb. 2023 Theory of Architecture – I

Time: 3 hrs.

Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. Draw relevant sketches and cite examples.

Module-1

- 1 a. Explain the relationship between Art and Architecture. (10 Marks)
b. Explain difference between fine arts and commercial arts. (10 Marks)

OR

- 2 a. Discuss the principle of unity and how it can be achieved in architectural composition. (10 Marks)
b. What is human scale and monumental scale? In what contexts should these scales be used? (10 Marks)

Module-2

- 3 Explain the principle of contrast and the different types of contrast that can be created to achieve an aesthetic architectural composition with illustration. (20 Marks)

OR

- 4 In what context, the principle of 'Vitality' and 'Strength' are to be achieved? How are they achieved? Quote historical and contemporary examples with sketches. (20 Marks)

Module-3

- 5 "Axis and symmetry are powerful tools of architectural composition to create order". How do you support your thoughts on the above statement? (20 Marks)

OR

- 6 Differentiate between centralized and clustered spatial organizations. Use illustration and examples to support. (20 Marks)

Module-4

- 7 Differentiate between linear and grid organization of masses. Explain with illustrations and examples. (20 Marks)

OR

- 8 a. Briefly highlight the need for ornamentation in building. (10 Marks)
b. What are the arguments against ornamentation in buildings put forward by the modernists? Explain with illustrations. (10 Marks)

Module-5

- 9 Describe with examples the aesthetic and structural properties of
a. Brick (10 Marks)
b. Concrete (10 Marks)

OR

- 10 Discuss atleast four factors which influence development of any style with illustrations. (20 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.