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18ARC36

Third Semester B.Arch. Degree Examination, Feb./Mar. 2022 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.*

Module-1

- 1 a. Differentiate between fire arts and commercial arts giving examples. (10 Marks)
b. Explain the relationship of architecture with painting and sculpturing. (10 Marks)

OR

- 2 Explain the concept of unity in an architectural composition with the help of examples. (20 Marks)

Module-2

- 3 Explain the principle of contract and the different types of contracts that can be created to achieve an aesthetic architectural composition with illustrations. (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 sentence? (20 Marks)

OR

- 6 Differentiate between centralized and clustered spatial organization with examples. (20 Marks)

Module-4

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

OR

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

Module-5

- 9 Describe with examples the aesthetic and structural properties of:
i) Brick ii) Concrete. (20 Marks)

OR

- 10 Discuss atleast four factors which influence the 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.