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18ARC36

Third Semester B.Arch. Degree Examination, July/August 2022 Theory of Architecture – I

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing one full question from each module.

Module-1

- 1 a. What is art and its significance in today's society and how does it influence architecture? Explain giving 2 or more examples. (10 Marks)
- b. Elaborate on any 2 examples of types of arts which became significantly very important during these present pandemic times. (10 Marks)

OR

- 2 With the help of architectural examples explain the principles of
- a. Unity and its significance. (10 Marks)
- b. Scale and proportion and its significance. (10 Marks)

Module-2

- 3 a. What is 'Restraint' in architectural composition? Define and highlight giving appropriate architectural examples. (10 Marks)
- b. Can contrast, harmony and accentuation be shown in 1 single architectural example? Sketch and highlight the elements to represent each of the above principles of aesthetics. (10 Marks)

OR

- 4 a. In which architectural examples does 'Repose' become the most essential principles of compositions? Explain giving any 2 different typologies of building examples. (10 Marks)
- b. Define 'Vitality' in not more than 3-4 lines sketch an example of historical building as well as contemporary building (each) which represents 'vitality' and mention their reason for being vital. (10 Marks)

Module-3

- 5 a. What is 'Axis' and what is it used for in an architectural composition. Give example. (10 Marks)
- b. Define 'Datum' and its significance using any historical architectural example. (10 Marks)

OR

- 6 Define and give one example each of historical and contemporary building for,
- a. Centralized organization of masses in architecture. (10 Marks)
- b. Clustered organization of masses in architecture. (10 Marks)

Module-4

- 7 What are the characteristics of the following and where in history have they been applied to achieve one of the best spatial organizations?
- a. Radial organization (10 Marks)
- b. Grid organization. (10 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.

OR

- 8 a. Define ornamentation in architecture. What is the use/need of ornamentation in architectural design? (10 Marks)
- b. What are the different types of ornamentation in architecture design? (10 Marks)

Module-5

- 9 Elaborate on aesthetics and structural characteristics of the following and give a historical/contemporary building example (any 2).
- a. Stone
- b. Timber
- c. Brick. (20 Marks)

OR

- 10 Explain giving simple examples how does the quality of light and different types of openings influence strongly on how we experience and respond to spaces. (20 Marks)

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