

GUJARAT TECHNOLOGICAL UNIVERSITY**B.ARCH - SEMESTER-VIII EXAMINATION – SUMMER 2018****Subject Code: 1085002****Date: 28-04-2018****Subject Name : THEORY OF ARCHITECTURE****Time: 10:30am to 12:30pm****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) How do you implement 'Theory of Architecture' in design? (5)

Q.1 (b) Define the following: (Any Five) (5)

1. Architecture as satisfying human needs
2. Concept
3. Datum
4. Asymmetry
5. Hierarchy
6. Climax

Q.2 (a) Explain the various 'Functional & Aesthetical' aspects of Architecture. (6)

Q.2 (b) Enlist characteristics of Architecture of following two periods: (4)

1. Neo-Classical
2. Classical

OR

Q.2 (a) Enlist and Explain 'Fundamental Principles of Architecture' with appropriate examples and sketches. (6)

Q.2 (b) Give different characteristics of 'Modern & Post Modern era.' (4)

Q.3 (a) Explain briefly the 'Gestalt Theory and it's idea of visual perception' along with relevant examples. (10)

OR

Q.3 (a) Explain 'Form & Space' through timeline. (10)

Q.3 (b) Explain: Architecture as a discipline. (4)

OR

Q.3 (b) Give appropriate justification whether, the forms follows functions or not. (4)

Q.4 Explain relationship between form & circulation, with appropriate examples. (6)

OR

Q.4 Explain: Spatial Organization with understanding of different examples through sketches. (6)

Q.5 Elaborate perceptual effects of specific configuration: (Any Two) (10)

1. Architectural expression and experience
2. Community and culture
3. Climate and context