

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.ARCH. - SEMESTER-VIII EXAMINATION – SUMMER 2019

Subject Code: 1085002

Date: 09/05/2019

Subject Name: Theory of Architecture

Time: 10:30 AM TO 12:30 PM

Total Marks: 50

Instructions:

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

- Q.1** The term theory of architecture was originally used by Vitruvius, Roman Architecture –Engineer, explain the topics discussed in De architectura. **10**
- OR**
- What are the Architectural Theories, Based on? **10**
- Q.2** Define (floor/ Wall/ Roof/ stair/ door/ window) as element of space making. Elaborate its application and design considerations? **10**
- Q.3** Enlist the architectural characteristics of any two (Deconstructivism / Post Modernism / Archigram) **10**
- OR**
- What is modern architecture and what started the Modern Movement? **10**
- Q.4** Write short notes on any four **10**
- (a) Explain various concepts of architectural geometry from classic to contemporary?
- (b) Euclidean Space and Non Euclidean Space
- (c) Explain – Ordering Principles
- (d) Axis, Symmetry, Datum, Transformation
- (e) Cubism or Vernacular Architecture
- Q.5** Fill in the blanks with write option **10**
- (a) The measurement and study of the size and proportion of the human body..... (Human Scale/ Anthropometry)
- (b) Whose famous dictum is this: Unity disguised as chaos-complexity an contradiction are often what make works of art both exciting and profound (Robert Venturi / Michael Graves)
- (c) Art Nouveau is known as International Style, in Germany it is also known as
- (d) (Ecole des Beaux / Jugendsstil)
It refers to the quality of surface treatment, associated with materials
- (e)(Volume/ Texture)
According to this Architect his philosophy is "Ornament equals Crime"
- (f) (Le Corbusier / Victor Horta)
An architectural term which is known to be the free from any historical style(De Stijl Architecture / Futurism)
