G . N.	F 1 . M
Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

D.ARCH. - SEMESTER- IV • EXAMINATION -WINTER 2015

Subject Code: 3346205 Date: 07/12/2015 **Subject Name: Theory Of Architecture** Time: 02:30 PM TO 04:30 PM **Total Marks: 50 Instructions:** 1. Attempt Any 5 questions. 2. Draw sketches wherever necessary. 3. Figures to the right indicate full marks. (a) Define "Personal Space"theory. Explain it with Sketches. **Q.1** 05 **(b)** Discuss "Figure- Ground Theory" to explain positive and negative spaces. 05 **Q.2** Fill in the blanks. (Any 10) 10 The study of shape, structure and form is called _____. 1) The aesthetic theory proposed by German philosopher, _____, held the faculty of ______ in high esteem. The study of Space, presented by Rudolph Carnap is important as it makes a 3) distinction between _____, ____and _____space. The ______, lead to the idea that the "Whole is greater than the Sum of its Parts." 4) Robert Summer is well known for his book on _____ 5) is now a days also expressed in the Cartesian co-ordinate system. **6**) The essential difference between the ______ and the _____ is **7**) the nature of the parallel. The theory of ______ is proposed from Pierce's sign theory. 8) Non-Euclidean geometry is synonymous with 9) geometries. The theory of Semiotics is important to understand ______ Architecture. 10) Pierce's sign theory relies on the _____, and the interpretation. was an important Italian Architectural historian of the 20th **12**) century. Two key beliefs of the modern era were, _____ 13) 0.3 Explain Geodesic geometry with the help of sketches. 05 Explain the role of behavioral science in the designing of an environment. Give 05 relevant example. (a) Explain any two types of organizations with sketches. 0.4 05 Explain any two key architectural styles of modern-postmodern era. 05 Define "Morphology". Explain biomorphic architecture with examples. **10** Q.5 What are the common beliefs of Modern Architecture. Describe the work of any **Q.6** 10 one modern architect. What do you understand by the term "Space"? ". How is space experienced? **Q.6 10**

Comment on Rudolph Carnap's distinction between Formal, Physical,

Perceptual and Cognitive spaces.