

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
B.Arch./B.ID, Summer – 2017-18 Examination

Semester: 1

Subject Code: 01101106

Subject Name: Elements of Architecture-I

Date: 10/05/2018

Time: 10:00 am to 12:00 pm

Total Marks: 50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions whenever required.
4. Draw suitable sketches whenever required.

Q.1 Explain vertical elements defining a space with supportive sketches. **(10)**

Q.2 Attempt **any five** out of the following six. **(20)**

- a) Discuss any two primary elements of architecture with sketches.
- b) Differentiate the following with necessary sketches:
 - i) Space within the space and spaces liked by other space.
- c) Define: Regular & Irregular form
- d) Sketch the following:
 - i) Clustered form
 - ii) Interlocking spaces
- e) Explain the following organizations:
 - i) Space within a space
 - ii) Radial organization
- f) Write a short note on the following vertical elements:
 - i) Single vertical plane
 - ii) Parallel plane

Q.3 Explain briefly: **any 5** **(10)**

- a) Sketch any two types of organizations.
- b) Explain Elevated and Depressed base plane with schematic sketches.
- c) Adjacent spaces
- d) Define: linear elements defining planes
- e) Openings within a plane.
- f) What is surface articulation?

Q.4 Elaborate the following with sketches: **any 2** **(10)**

- a) Explain through sketches the configuration of path and path-space relationship in terms of circulation as an element of architecture.
- b) What is linear and clustered organization? (explain with neat sketches)
- c) Explain horizontal elements defining a space.