

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE & PLANNING
B.Arch./ B.ID Summer 2019-20 Examination

Semester: 2

Subject Code: 01101156

Subject Name: Elements of Architecture – II

Date: 21-11-2019

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 wherever required.
4. Draw suitable sketches wherever required.

Q.1 Describe any five Elements of Architecture. Explain each of them with required sketches. **(10)**

Q.2 Answer the following: (any 05) **(20)**

- 1) Explain: Design considerations to be taken care for Roof & floor.
- 2) Define each of the following:
a) Column b) Floor c) Stair d) Roof
- 3) Describe in brief the Spatial role for wall & window.
- 4) Fill in the blanks:
a) _____ is the gradual growth of something.
b) _____ is an opening in a wall with a hinged or sliding partition to allow access from one space to another.
c) _____ is the rigid, respectively slender structural member designed primarily to support compressive loads applied at the member ends.
d) _____ & _____ are the attributes of wall.
- 5) Define each of the following:
a) Wall b) Window c) Design d) Spatial role
- 6) Enlist & Explain the role of Structural study to be carried out for Elements of Architecture.

Q.3 Answer the following: **(10)**

- a) Explain with sketches the spatial role of a Stair.
- b) Give explanation on any two anatomy and attributes of elements of architecture.

Q.4 Answer the following : **(10)**

- a) Explain the importance of intangible elements of Architecture in generating the physical form of Architecture.
- b) Explain and sketch Mill-owner association building showing various elements.

Or

Q.4 What is the necessary 'Significance of Architectural Elements in manipulating perceptions of space'? **(10)**