

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
B.Arch, Examination Summer 2015-16

Semester: II

Subject Code: 01101156

Subject Name: Elements of Architecture -II

Date: 23/05/2016

Time: 10:00 am to 12:00 pm

Total Marks: 50

Instructions:

1. Each section carries 25marks.
2. **Q1** and **Q2.a** are compulsory questions of each section.
3. **Q2.b** has sub optional questions.
4. Only one question has to be attempted between **Q3** and **Q4** in each section.
5. Figures to the right indicate full marks.
6. Write separate sections on separate answer sheets.

SECTION - A

- Q:1** Enlist any five Elements of Architecture and define each of them with required sketches. **(10)**
- Q:2 (a)** Give at least two examples of historic architectural instances where the following elements are used in different Spatial roles of any one element. **(05)**
- Q:2 (b)** Explain in brief the design considerations for Roof & floor. **(05)**

OR

- Q:2 (b)** Explain in brief the application of any two elements of architecture. **(05)**
- Q:3** Define each of the following: (any five) **(05)**
Door, Evolution, Roof, Spatial Role, Design, Wall
- Q:4** Explain in brief the evolution of any five elements of architecture through ages. **(05)**

SECTION - B

- Q:1** Write a short note on 'Significance of Architectural Elements in manipulating perceptions of space'. Explain with essential sketches. **(10)**
- Q:2 (a)** Enlist & Explain the Structural study to be considered for Elements of Architecture. **(05)**
- Q:2 (b)** Explain in brief any two anatomy and attributes of elements of architecture. **(05)**

OR

- Q:2 (b)** Enlist & Explain in brief the Spatial role for wall & window. **(05)**
- Q:3** Fill in the blanks: **(05)**
1. _____ is the rigid, respectively slender structural member designed primarily to support compressive loads applied at the member ends.
 2. An opening in the wall of a building for admitting light and air, usually fitted with a frame in which are set operable sashes containing panes of glass is defined as _____.
 3. _____ is the process or formulating, creating and planning a functional, graphic or mass produced object such as a building, furnishing or fitting.
 4. _____ is a mean of vertical circulation consisting of a number of steps from one level to another.
 5. _____ is a horizontal plane, providing a firm datum, a resting plane for all the objects in that space.
- Q:4** Give explanation on the importance of intangible elements of Architecture in generating the physical form of Architecture. **(05)**