

**PARUL UNIVERSITY**  
**FACULTY OF ARCHITECTURE And PLANNING**  
**B. Arch./ B. ID Summer 2018-19 Examination**

**Semester: 2**  
**Subject Code: 01101156**  
**Subject Name: Elements of Architecture - II**

**Date: 16/05/2019**  
**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** Explain with sketches the potential of Architectural Elements in shaping and influencing spaces. **(10)**

**Q:2** Answer briefly (Attempt any 5) **(20)**

**A. Define the following: (Any Four)**

- |                   |          |         |
|-------------------|----------|---------|
| a. Overhead plane | b. Floor | c. Wall |
| d. Column         | e. Roof  |         |

**B. Explain the following with necessary sketches.**

a. Evolution of 'floor'.

b. Attributes of 'window'

**C. Explain the importance of intangible elements of Architecture in generating the physical form of Architecture.**

**D. Explain with necessary sketches.**

1) Anatomy of 'wall'                      2) Explain with sketches step as seat

**E. Explain with necessary sketches.**

a. Anatomy of 'Column'

b. Spatial role of 'Staircase'

**F. Fill in the Blanks:**

- a. \_\_\_\_\_ is the gradual development of something.
- b. \_\_\_\_\_ is the topmost part of a building which provides shelter to all other elements.
- c. \_\_\_\_\_ & \_\_\_\_\_ are the attributes of door.
- d. Typological variation of column \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_.

**Q:3** Explain with necessary sketches: (Attempt Any 5) **(10)**

- a. Spatial role of 'floor'
- b. Spatial role of 'Windows'
- c. Design Consideration of 'Roof'
- d. Typological variations of 'door'
- e. Design Consideration of 'window'
- f. Application of 'Door' with examples

**Q:4** Answer the following: (Attempt any 2) **(10)**

- a. Enlist design considerations with appropriate sketches for 'Floor' and 'Wall'.
- b. Explain in brief - Evolution of 'Roof' and 'Door' through the eras.
- c. Give at least two architectural instances of applications of the 'Staircase' & the 'Column', in different spatial roles.