

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE AND PLANNING
B. Arch. / B. ID Summer 2017-18 Examination

Semester: II

Date: 17/05/2018

Subject Code: 01101156

Time: 10:00 am to 12:00 pm

Subject Name: Elements of Architecture - II

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 essential sketches 'Significance of Architectural Elements in manipulating the perception of space'. **(10)**

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

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

- | | | |
|-------------------|--------------|---------|
| a. Vertical plane | b. Staircase | c. Roof |
| d. Evolution | e. Window | |

B. Explain the following with necessary sketches.

- a. Evolution of 'Staircase'
- b. Spatial role of 'Wall'

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

D. Explain with necessary sketches.

- | | |
|------------------------|---------------------------|
| a) Anatomy of 'Column' | b) Attributes of 'Window' |
|------------------------|---------------------------|

E. Explain with necessary sketches.

- a. Explain with sketches step as seat
- b. Anatomy of 'wall'

F. Fill in the Blanks:

- a. _____ is the process of formulating, creating and planning a functional, graphic or mass-produced object such as a building, furnishing or fitting.
- b. Free standing structure framing a notional entry passage is known as _____.
- c. _____ & _____ are the attributes of door.
- d. _____ is the gradual development of something.

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

- a) Spatial role of 'Windows'
- b) Design Consideration of 'Column'
- c) Spatial role of 'floor'
- d) Application of 'Door' with examples
- e) Design Consideration of 'wall'
- f) Typological variations of 'floor'

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

- a) Give at least two architectural instances of applications of the 'Roof' & the 'Column', in different spatial roles.
- b) Enlist design considerations with appropriate sketches for 'Staircase' and 'Window'.
- c) Explain in brief anatomy and attributes of 'Roof' and 'Door'.