

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE & PLANNING
B.Arch./ B.ID Winter 2021-22 Examination

Semester: 1**Subject Code: 01101106****Subject Name: Elements of Architecture – I****Date: 23-09-2021****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 How do you perceive 'Architecture'? What is an 'Architectural Design'? Enlist and explain briefly (with sketches) various ordering principles of an architectural design. **(10)**

Q.2 Answer the following: (any 05) each of 04 marks **(20)**

1) Explain the relevance of Architecture with 'Time, Space & People'.

2) Fill in the blanks:

- 1) A line has properties of ____, ____, ____.
- 2) A point extended becomes a ____.
- 3) As the prime generator of form, the point indicates a ____ in space.
- 4) A plane extended becomes a ____.

3) Define the following: (any four)

1. Style 2. Character 3. Texture 4. Hierarchy 5. Scale

4) Enlist and explain briefly various 'Elements of Architecture'?

5) Enlist and explain in brief (with sketches) various types of Additive form.

6) 'Architecture should speak of its own time and place but yearn for timelessness'. Elaborate.

Q.3 Explain the following with relevant sketches: (any five) **(10)**

- a) Transformation as a principle of Architecture.
- b) Configuration of Path.
- c) Circulation and its elements
- d) Form, Space & Order.
- e) Anthropometry and its relevant with architecture
- f) Various kind of Transformation of Form.

Q.4 Explain the following: (Any two) **(10)**

- a) Explain the Importance of Elements of Architecture and how it is relevant with the field of architecture.
- b) Elaborate 'Architecture is Mother of all Arts'.
- c) What is Anthropometry and How it is relevant with architecture?