

**PARUL UNIVERSITY**  
**FACULTY OF ARCHITECTURE AND PLANNING**  
**B.Arch. Summer 2021-22 Examination**

**Semester: IV****Date: 22-03-2022****Subject Code: 01101254****Time: 2:00pm to 4:00pm****Subject Name: Evolution of Architecture - IV****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** What is Modern Architecture? How it Originated? Highlight the characteristic features of Modern Architecture through suitable examples and sketches. **(10)**

**Q.2 Attempt any five out of six:** **(20)**

Attempt any four:

- I. Which famous architect designed Guggenheim Museum, Newyork?
  - a. Frank O. Gehry
  - b. Flw
  - c. Charles Correa
- II. Which building belongs to De constructivism?
  - a. Schroder House
  - b. Jewish Museum
  - c. Tjibaou Museum
- III. Prarie style was a signature style of Ar. \_\_\_\_\_.
  - a. Frank Lloyd Wright
  - b. Mies Van Der Rohe
  - c. Tadao Ando
- IV. Crystal Palace belongs to \_\_\_\_\_ architectural style.
  - a. De Stijl
  - b. Art Deco
  - c. Neo- Classical
- V. Curved lines, Use of Ceramic tiles, Iron, Bright colors are characteristics of \_\_\_\_\_ style of architecture?
  - a. Art Noveau
  - b. Post modernism
  - c. Critical Regionalism

2) Mention briefly the philosophy of Le Corbusier's five points in architecture. Make appropriate sketches.

3) Explain the characteristics of De constructivism. Make appropriate sketches.

4) Explain the design philosophy followed by Ar. B.V. Doshi.

5) Who designed Barcelona Pavilion? Write down the features about the building with relevant sketches.

6) How did the use of Iron as a new building material open the possibilities of new architecture in the 19th century? Discuss in detail.

**Q.3 Attempt any five out of six:** **(10)**

1. Multiple Choice Questions

- I. Sabarmati Ashram was designed by \_\_\_\_\_.
  - a. Tadao Ando
  - b. Charles Correa
- II. Who introduced Skin and Bone Architectural Style?
  - a. Walter Gropius
  - b. Mies Van der rohe

2. What are the main characteristics of the De constructivism? (mark 2 options)
  - a. Surface manipulation
  - b. The excessive use of the brick.
  - c. Non-rectilinear shapes.
  - d. The simplification of form
  - e. Using earthy tones of color
3. Write short note on 'High tech style'.
4. Explain any one –
  - b. Sea-gram Building
  - c. Critical Regionalism
5. Which of the following materials did Victor Horta use to unify all surfaces and spaces in the Tassel House? (Multiple Choice Question – Mark any 02).
  - a. Glass
  - b. Wood
  - c. Cast Iron
  - d. Stone
  - e. Ceramic
6. Explain the work of Ar. Geoffrey Bawa.

**Q.4 Attempt any two out of three -**

**(10)**

- 1) What are characteristics of Bauhaus? Briefly Discuss with the help of sketches.
- 2) Discuss briefly the philosophy of architect Laurie Baker. Make appropriate sketches.
- 3) Explain in the works and philosophy of Ar. Louise Kahn. Make appropriate sketches.