

**PARUL UNIVERSITY**  
**FACULTY OF ARCHITECTURE**  
**B.Arch. / B.ID Winter 2017-18 Examination**

**Semester: 1****Subject Code: 01101105****Subject Name: Architecture and Environment-I****Date: 03-01-2018****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** What is Environment? Explain how it is influenced and controlled by Nature, Architecture and the Society. (10)

**Q:2** Attempt any five out of the following: (20)

- 1) Define the following:  
a) Ecology, b) Tradition, c) Sustainability, d) Community
- 2) Write a short note on: 'Wadas' of Maharashtra.
- 3) Explain briefly the role of contextual factors in shaping Architecture.
- 4) Explain how sustainable response is evident in vernacular structures.
- 5) Explain with sketches architectural features of Malabar coast.
- 6) Explain Kath Khuni Architecture of Himachal Pradesh with sketches.

**Q:3** Explain the following in brief: (Any five) (10)

- 1) Culture
- 2) Context
- 3) Sustainable architecture
- 4) Climate
- 5) Vernacular architecture
- 6) Man-made Environment

**Q:4** Answer any two out of the following three: (10)

- 1) Explain how the settlements in our old towns were planned according to the community based living system. Give a suitable example.
- 2) Explain the concept of Reduce-Reuse-Recycle and its applicability in Architecture.
- 3) Write short note on 'Vernacular shelters of Kutch – Bhungas'.