

30/12/15

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
Winter -2015 Examination

Semester: 1

Subject Code: 01101105

Subject Name: Architecture and Environment-I

Date: 30/12/2015

Time: 10:00 AM to 12:00 PM

Total Marks: 50

Instructions:

1. Each section carries 25marks.
2. Q1 & Q2 are compulsory questions in each section.
3. **Only one question has to be attempted out of Q3 and Q4 in each section.**
4. Figures to the right indicate full marks.
5. Write separate sections on separate answer sheets.

SECTION: A

- Q:1 Compare with sketches the inherent sustainability evident in the Architectural forms of the following regions: 1) Leh, 2) Shimla, 3) Rajasthan, 4) Kerala (10)
- Q:2 (a) Enlist and explain briefly various contextual factors which play a significant role in shaping Architecture of a region. (5)
- (b) Write a short note on the following: (Any one)
- 1) Vernacular shelters of Kutch – ‘Bhungas’
 - 2) Traditional residential forms of Ahmadabad – ‘Pols’
- Q:3 Explain how the settlements in our old towns were planned according to the community based living system. Give a suitable example. (5)
- Q:4 Explain the concept of ‘Reduce-Reuse-Recycle’ and its applicability in Architecture. (5)

SECTION: B

- Q:1 Enlist and sketch contemporary ways in which Architecture can respond to the environmental considerations, in different regions. (10)
- Q:2 (a) Define the following: (Any five) (5)
- 1) Culture, 2) Ecology, 3) Climate, 4) Rain water harvesting, 5) History, 6) Tradition
- (b) Sketch the following and highlight their contextual response: (Any one) (5)
- 1) Traditional Architectural forms of Malabar Coast
 - 2) ‘Kath Khuni’ Architecture of Himachal Pradesh
- Q:3 Write a short note on:
Traditional House forms of the Islamic community of Bohras in Gujarat. (5)
- Q:4 Explain how the concerns of Rain water harvesting, social interaction, cultural activities and rest areas, etc. were all addressed through the Step-wells in Gujarat region. (5)