

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
B.Arch Summer, 2016-17 Examination

Semester: 1

Subject Code: 01101105

Subject Name: Architecture and Environment-I

Date: 07-06-2017

Time: 10:00 am to 12:00 pm

Total Marks: 50

Instructions:

1. Each section carries 25 marks.
2. Q1 and Q2 (a) are compulsory questions of each section.
3. Q2 (b) has sub optional questions.
4. Only one question must be attempted between Q3 and Q4.
5. Draw sketches wherever necessary.
6. Figures to the right indicate full marks.
7. Write separate sections on separate answer sheets.

SECTION: A

- Q:1** Explain the Role of Contextual Factors in shaping Architecture. **(10)**
- Q:2 (a)** What is Environment? Explain how Architecture can manipulate the Natural Environment in a desired manner. **(5)**
- Q:2 (b)** Write short note on: 'Kath-Khuni' architecture of Himachal Pradesh **(5)**

OR

- Q:2 (b)** Write a short note on: 'Pols' of Gujarat as community based living systems **(5)**
- Q:3** Define the following: **(5)**
1. Culture, 2. Context, 3. Climate, 4. History, 5. Community
- Q:4** Vernacular architecture of a region displays the best response to its context. Explain with examples. **(5)**

SECTION: B

- Q:1** Compare with sketches the environmental considerations evident in the Architecture of the following regions: 1. Leh, 2. Shimla, 3. Rajasthan, 4. Kerala **(10)**
- Q:2 (a)** Write a short note on: 'Bhungas' in Kutch **(5)**
- Q:2 (b)** Write a short note on: 'Wadas' in Maharashtra **(5)**

OR

- Q:2 (b)** Explain the concept of Reduce-Reuse-Recycle and its applicability in Architecture. **(5)**
- Q:3** Define the following: **(5)**
1. Sustainable Architecture, 2. Vernacular Architecture, 3. Ecology, 4. Renewable Resource, 5. Rain water Harvesting
- Q:4** Write a short note on: 'Stepwells' of Gujarat – as a response to the community, culture and physical context. **(5)**