

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

Semester: 1**Date: 09/05/2018****Subject Code: 01101105****Time: 10:00 am to 12:00 pm****Subject Name: Architecture and Environment -I****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 Compare with sketches the inherent sustainability evident in the Architectural forms of the following regions: **(10)**

- a) Leh
- b) Shimla
- c) Rajasthan
- d) Kerala.

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

- a) Define the following:-
 1. Culture.
 2. Climate.
 3. Context.
 4. Community.
- b) Write short note on Step wells of Gujarat.
- c) Explain briefly the role of climatic factors in shaping Architecture.
- d) 'Vernacular Architecture' of any region displays the best response to 'Context'. Elaborate and explain with examples.
- e) Explain with sketches architectural features of Jaisalmer.
- f) Write short note on Vernacular shelters of Kutch – 'Bhungas'.

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

- a) Environment.
- b) Tradition.
- c) Topography.
- d) Sustainable architecture.
- e) Customs.
- f) Built Environment.

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

- a) Explain how the settlements in our old towns were planned according to the community based living system. Give a suitable example.
- b) What is a 'Renewable resource'? Explain the application of Renewable resources in Architecture with suitable examples.
- c) Enlist and explain briefly various contextual factors which play a significant role in shaping Architecture of a region