

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B. ARCH - SEMESTER– VIII. EXAMINATION– WINTER- 2017

Subject Code: 1085003

Date:16-11-2017

Subject Name: Site Planning

Time:02:30 PM TO 04:30 PM

Total Marks:50

Instructions:

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1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Draw sketches wherever required.

- Q.1 (a)** What is site planning? What are the basic principles of site planning? **10**
- Q.2 (a)** What do You mean by circulation in site planning? Elaborate different kind of circulation system with neat sketches. **10**
- Q.3 (a)** Why do we need to do site analysis for any big Project? **10**
- Q.4 (a)** What do you understand by zoning in site planning? Explain with sketches/examples. **05**
- (b)** Why is it necessary to study contour map for any large scale project? **05**
- Q.5 (a)** What are the site planning principle for Mass housing project and Institutional project? **05**
- (b)** What do you mean by landscaping? What is its importance in site planning? **05**
- Q.6 (a)** Elaborate various norms and standards which are desired to follow in site planning. **05**
- (b)** What is the importance of natural drainage pattern in site planning? **05**
- Q.7 (a)** Explain the impact of any unplanned city on natural resources with examples. **10**
