

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**

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