

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BA - SEMESTER-VIII EXAMINATION – WINTER 2018

Subject Code:1085003

Date:29/11/2018

Subject Name:Site Planning

Time:02:30 PM TO 04:30 PM

Total Marks: 50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) What are the Landforms? Explain types of Major landforms and their Significance in Brief? 05
- (b) Explain in details the Factors influencing Site planning? 05
- Q.2 (a) Define any Five From the following. 10
- a) Angle of Repose.
 - b) Aquifers.
 - c) Land use and Land cover.
 - d) Green field and Brown field.
 - e) Net Density and Gross Density.
 - f) Site Grading and Grading Process.
- Q.3 (a) Explain Site analysis, also Explain Site Planning Process in Brief? 05
- (b) What is a Land Use Plan? Explain major Objectives of Land-use plan? 05
- Q.4 (a) Discuss in brief the key considerations/ parameters for Planning a Housing Site in a Rural Eco-sensitive zone and for an Industrial Project in an Urban Area? 10
- Q.5 (a) Explain Major Development constraints in terms of Location in Site planning? 05
- (b) Explain the Importance and Interpretations in site planning of a Contour Survey map? 05

OR

Explain Multi Disciplinary Nature of Site planning? Who all Needs to know about Future Land Use Plan, Why? 05
