

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – II • EXAMINATION – SUMMER • 2014

Subject code: 1724801

Date: 16-06-2014

Subject Name: Urban Planning Techniques and Practice

Time: 02:30 pm - 05:00 pm

Total Marks: 70

Instructions:

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

- Q.1** (a) List out the various methods of land use analysis - briefly explain Geospatial analysis and driving force method. **07**
(b) Discuss guidelines of Moscow's Urban development. **07**
- Q.2** (a) Compare the various aspects of CBD, Inner fringe and Outer fringe with special reference to Surat city. **07**
(b) Define: Urban renewal and discuss the various approaches of urban renewal. **07**
- OR**
- (b) Note down important measures in the preparation of development plans & discuss FAR in detail. **07**
- Q.3** (a) Define following terminology: **07**
- Urban agglomeration
- Urban sprawl
- Master plan
(b) Briefly discuss Gujarat land management models with its merits. **07**
- OR**
- Q.3** (a) List out programmed under the special area development project explain any two in detail. **07**
(b) Short note: Necessity of spatial standard in town planning. **07**
- Q.4** (a) Compare the various components of any five land management tools. **07**
(b) Assumption and requirement of linear programming. **07**
- OR**
- Q.4** (a) Explain causes, effect and remedy of urban decay. **07**
(b) Describe salient features and important zoning regulations of Karnataka land-use zoning model. **07**
- Q.5** (a) Briefly discuss principles of new urbanism. **07**
(b) Explain major objective and scope of development plan. **07**
- OR**
- Q.5** (a) Brief note: Benefits of new urbanism **07**
(b) Explain city development planning process with considering multistage exercise. **07**
