

## COLLEGE OF ENGINEERING, PUNE

M. Tech. (Town and Country Planning)

End-semester Examination, May, 2012

### (TP-504) PLANNING TECHNIQUES

Day & Date: Tuesday, 08/05/2012

Time: 9 AM to 12 PM

[Max. Marks: 50]

Duration: 3 Hours

#### Instructions to candidates:

- 1) Attempt **any five questions** from the following
  - 2) Neat diagrams must be drawn wherever necessary, and assume suitable data if necessary
  - 3) Figures to the right indicate full marks
  - 4) Use of non-programmable calculators is allowed
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- Q.-1. Discuss the impact of pattern and location of industrial estates developed by MIDC on urban and regional development. How far these estates are integrated in overall development? (10)
- Q.-2. How far present Regional Planning Process and Policies are effective in achieving the objectives of balanced development with optimum utilization of resources, growth with equity, improvement in efficiency and productivity? What changes if any are needed? (10)
- Q.-3. Discuss the basic elements of "Central Place Theory" and its relevance in achieving Spatial and Economic integration in Regional Planning (10)
- Q.-4. Answer any two of the following: (10)
- a) What are a candidate keys? What is a difference between a primary key and a candidate key?
  - b) What criteria define that a table is in a First Normal Form (1NF)?
  - c) What criteria define that a table is in a 2NF?
  - d) What criteria define that a table is in a 3NF?
- Q.-5. Answer any two of the following: (10)
- a) What criteria define the table as a relation?
  - b) In a Relational Database, what terms are used for the following: Table, Row and column?
  - c) What is referential integrity?
- Q.-6. Discuss the conservation as an element of Planning Philosophy and role of 'Urban Art Commission' with reference to its functioning in any city. (10)
- Q.-7. Write short notes on any two (10)
- a) Settlement policy and balanced development
  - b) Use of Scalogram technique or CFI Index technique in identification of settlement hierarchy
  - c) Concept of growth pole and growth centre. Which of these is suited to Indian condition?
  - d) Role of CIDCO as a Special Planning Authority for Navi Mumbai Project.

**COLLEGE OF ENGINEERING, PUNE**

M. Tech. (Town and Country Planning)

End-semester Examination, May, 2012

**(TP-506) LAWS IN RELATION TO PLANNING**

Day & Date: Friday, 11/05/2012

Time: 9 AM to 12 PM

[Max. Marks: 50]

Duration: 3 Hours

Instructions to **candidates**:

- 1) Attempt any five questions from the following.
  - 2) Neat diagrams must be drawn wherever necessary
  - 3) Assume suitable data if necessary
  - 4) Figures to the right indicate full marks
  - 5) Use of non-programmable calculators is allowed
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- Q.-1. Discuss the basic features of legislation on environmental pollution and responsibilities of local bodies in relation to local agenda of environment management and control of air, water, land and noise pollution. (10)
- Q.-2. Discuss the implications of 74<sup>th</sup> Constitution Amendment Act, 1992 on the planning process involving people's participation at grass root level in plan formulation and implementation process. How far is it successful? (10)
- Q.-3. Discuss the laws related to Metropolitan Planning Committee (MPC) and District Planning Committee (DPC) in planning, co-ordinating, implementing, monitoring as engines of co-ordinated planning and development. (10)
- Q.-4. How natural justice is achieved in the processing of land acquisition proposal? (10)
- Q.-5. Enumerate various steps in the preparation of Development Plan. (10)
- Q.-6. What changes if any are needed in Town Planning Act of Maharashtra to achieve its objectives? What are the amendments made recently? (10)
- Q.-7. Explain the process of acquisition of lands under Maharashtra Industrial Development Act. (10)
- Q.- 8 Write short notes on any two (10)
- a) Important provisions of Maharashtra Slum Areas (Improvement, Clearance and Redevelopment) Act, 1971 and its utility in relation to objectives.
  - b) Salient provisions of Tree Preservation and Protection Act, 1975 and its importance.
  - c) Unauthorized Development and Maharashtra Gunthewari Development Act, 2001, its implementation
  - d) UDPI Guidelines



**COLLEGE OF ENGINEERING, PUNE**  
M. Tech. (Town and Country Planning)  
End-semester Examination, May, 2012  
**(IS-502-10) HOUSING & SOCIAL ASPECT OF PLANNING**

Day & Date: Friday, 04/05/2012

Time: 9 AM to 12 PM

[Max. Marks: 50]

Duration: 3 Hours

Instructions to **candidates**:

- 1) Answer **any five** questions. All questions carry equal marks
  - 2) Neat diagrams must be drawn wherever necessary
  - 3) Assume suitable data if necessary
  - 4) Figures to the right indicate full marks
  - 5) Use of non-programmable calculators is allowed
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- Q.-1. "Slum up-gradation is an ideal solution for slum less city". State false or true and illustrate your answer with reasons. (10)
- Q.-2. What is the institutional structure for shelter delivery system at central, state and local levels? State the role of "Housing and Urban Development Corporation" – a central government public sector undertaking. (10)
- Q.-3. State the Housing Finance System for shelter delivery. What is the role assigned to National Housing Bank in this respect? (10)
- Q.-4. "Right to Shelter is a basic human right" state the origin of the statement and indicate with reasons whether you agree or disagree. (10)
- Q.-5. Explain any two (10)
- a) Affordable Housing definition
  - b) Role of State Level Housing Board (MHADA)
  - c) Building Centers
  - d) Appropriate implementation system for low income housing delivery
- Q.-6. Do we need to intervene for overcoming shortage of rural housing in India? Explain the nature of rural housing and required focus. (10)
- Q.-7. How can investment in housing be used to correct regional imbalance. (10)

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