

12. (a) Compare, in a tabular statement, contents and standards (for any four aspects) of any four slum housing projects implemented in Tamil Nadu.

Or

- (b) Explain with neat sketches, the context, the concept and contents of 'sites and services' and 'neighbourhood' schemes.
13. (a) The Tamil Nadu Housing Board proposes to develop a composite housing project to accommodate 1000 families. Design a housing layout. Make assumptions on the following issues.
- Percentage of EWS, LIG, MIG and HIG houses
 - Hierarchy of roads
 - Community services such as schools and other common facilities like shops.

Or

- (b) Sketch the design (plan) for E.W.S, L.I.G., M.I.G and H.I.G., houses for the project stated in Question 13 a.
14. (a) Explain with neat sketches any four new construction techniques for housing.

Or

- (b) State the concept and functions of 'Building Centres', as conceived by the Housing and Urban Development Corporation. Evaluate the performance of any one 'Building Centre' in Tamil Nadu with reference to the effectiveness of its function.
15. (a) Appraise the performance of public and private housing agencies against the following aspects :
- (i) Pricing
 - (ii) Site suitability
 - (iii) Open spaces and other basic facilities
 - (iv) Social obligation.

• Or

- (b) Evolve a conceptual methodology for the recovery pattern of a housing project.

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B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2006.

Eighth Semester

Civil Engineering

CE 051 — HOUSING PLANNING AND MANAGEMENT

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw neat sketches wherever required

PART A — (10 × 2 = 20 marks)

1. Distinguish between a 'house' and a 'household'.
2. State any two principles of 'sustainable housing'.
3. Define 'slums' in Tamil Nadu context.
4. What is the concept of 'co-operative housing' in India?
5. Draw a 'plan' of a housing unit for Economically Weaker Section.
6. Enumerate 'different components' of housing projects.
7. What do you understand by the term 'cost effective materials' in housing?
8. Draw a neat sketch of Rat-Trap bond developed by Laurie Baker.
9. Differentiate between 'subsidy' and 'cross-subsidy' in housing.
10. What is the scope of 'appraisal' in a housing project?

PART B — (5 × 16 = 80 marks)

11. Explain the context, objectives and contents of the following housing programmes with neat sketches :
 - (i) Sites and Services.
 - (ii) Neighbourhood.