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B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2018.

Civil Engineering

(Regulations 2013)

(Common to PTCE 6007 – Housing Planning and Management for  
B.E. (Part-Time) — Sixth Semester — Civil Engineering – Regulations - 2014)

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State any two institutions for Housing at National level.
2. Define the term “Apartment”.
3. What do you mean by cooperative housing unit?
4. On what basis you prefer rental house for residential living?
5. List out any two difficulties in implementing development control rules.
6. Explain how Group Development is defined in Development Control Rules (DCR) of Chennai Metropolitan Area (CMA).
7. Define the term ‘Housing demand’.
8. Name any four products of Ferro cement concrete.
9. Write the importance of cash flow analysis.
10. What do you mean by viability gap funding?

PART B — (5 × 13 = 65 marks)

11. (a) (i) List out the objectives of National housing policies. (5)
- (ii) Write a note on the principles of sustainable housing. (8)

Or

- (b) Describe the development control regulations related to Housing. (13)

12. (a) (i) Explain the role of public housing agencies. (8)  
(ii) Write a brief note on townships. (5)

Or

- (b) Explain the concept of slum improvement, redevelopment and relocation. (13)
13. (a) Explain the concept of Housing project formulation using land suitability analysis. (13)

Or

- (b) Enumerate the building bye laws and regulations to be followed while constructing a residential building as per the provisions given by Building Bye laws 1970. (13)
14. (a) Explain the salient features of a green building concept. (13)

Or

- (b) Explain the various cost effective materials used for housing projects. (13)
15. (a) Write note on :  
(i) Public- private partnerships. (6)  
(ii) Subsidy and cross subsidy. (7)

Or

- (b) Elaborate the role of Government as an enabler and provider in Housing for poor in Indian scenario. (13)

PART C — (1 × 15 = 15 marks)

16. (a) Write a note on the following with respect to the view of housing planning.  
(i) Gated Community. (5)  
(ii) Cooperative Housing. (5)  
(iii) Open development plots. (5)

Or

- (b) Write a brief note on the housing laws adapted at state level for the effective planning of housing in India. (15)