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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2016

Seventh Semester

Branch : Civil Engineering

CE 010 704—ARCHITECTURE AND TOWN PLANNING (CE)

(New Scheme—2010 Admission onwards)

[Improvement/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. Define activity space.
2. List out the occupancy classification of buildings.
3. What are the effects of orientation ?
4. What are the principles of town planning ?
5. Define master plan.

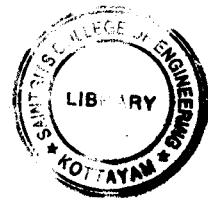
(5 × 3 = 15 marks)

Part B

Answer all questions.

Each question carries 5 marks.

6. Explain about iconic theory of design in architecture.
7. Explain in detail about checking for ventilation.
8. Explain traction type of elevators.
9. List out the requirement of a new town.
10. Explain the theory of land use planning.



(5 × 5 = 25 marks)

Part C

Answer all questions.

Each question carries 12 marks.

11. What are the creative principles of architecture ? Explain.

Or

Turn over

12. Explain in detail about :

- (i) Circulation space.
- (ii) Tolerance space.

13. Explain in detail about occupancy classification of buildings.

Or

14. Explain the process of identifying activity areas.

15. Explain the features and operation arrangement of Escalators.

Or

16. Explain the factors considered in the design of acoustic and lighting.

17. What are the concepts of new town development ? Explain it.

Or

18. What are the surveys to be done during town planning ? Explain it.

19. Explain the procedure of preparation of master plan in detail.

Or

20. Explain in detail about land acquisition.

(5 × 12 = 60 marks)

