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Name :
Reg. No:



**EIGHTH SEMESTER B.TECH DEGREE EXAMINATION APRIL /MAY 2013
(2009 SCHEME)**

CE/PTEC 09 803 L16 - URBAN TRANSPORTATION PLANNING

Time: 3 Hours

Maximum : 70 Marks

PART A

Answer all questions

1. List out the elements of transportation networks
2. Explain on travel attributes.
3. Write a short note on expansion factors.
4. Write a short note on gravity models
5. Explain the role of transportation.

(5 x 2= 10 marks)

PART B

Answer any four questions

6. Briefly explain the concept of travel demand.
7. Explain on Zoning.
8. Write a short note on trip distribution analysis.
9. Write a short note on all or nothing assignment
10. Write a short note on urban travel characteristics.
11. Write a short note on demand function

(4 x 5 =20 marks)

PART C

Answer all questions

- 12 (a) Write a short note on evolution of transportation planning process (10 marks)

OR

- (b) Briefly explain in detail sequential, recursive and simultaneous process (10 marks)

- 13 (a) Differentiate between road side interviews and home interview surveys (10 marks)

OR

- (b) Explain in detail about trip generation models (10 marks)

- 14 (a) Write a short note on opportunity models (10 marks)

OR

- (b) Write a short note on growth factor models (10 marks)

- 15 (a) Write a short note on capacity restrained assignment (10 marks)

OR

- (b) Differentiate between mode split analysis and route split analysis (10 marks)

(4 x 10 = 40 Marks)
