



B) What is Zoning? Discuss the points to be kept in mind while doing zoning. (7)

**Q-5 Attempt all questions (14)**

A) Discuss about capacity restraint method for route assignment analysis. (7)

B) Describe in brief corridor identification. (7)

**Q-6 Attempt all questions (14)**

A) Write short note on: Metro Railway System (7)

B) A study area is divided in to four zones 1,2,3 and 4 the present trip distribution and future trips are mentioned in matrix. (7)

D \ O	1	2	3	4	Total present	Future trips
1	-	50	60	30	140	280
2	40	-	70	20	130	390
3	20	60	-	40	120	300
4	50	70	30	-	150	220
Total Present	110	180	160	90	-	
Future Trips	200	500	340	150		1190

Develop future trip distribution matrix by Detroit method.

**Q-7 Attempt all questions (14)**

A) What are major causes of traffic problems in metro city and suggest it's solution. (7)

B) What is transportation planning process? Draw flow chart various step. (7)

**Q-8 Attempt all questions (14)**

A) Write short notes on: (i) Screen line check (ii) Diversion curve method (7)

B) Three zones with A, B and C are shown in Fig With trip interchanges. Using farfar method compute the zonal interchanges for the forecast year . (7)

