

URBAN TRANSPORTATION PLANNING

(Video Course under NPTEL)

Course Faculty: Prof. V. Thamizh Arasan

Questions for Self Evaluation

MODULE 1: INTRODUCTION

1. Briefly explain the mile stones in transport technology development indication the time period of reaching each of the mile stones.
2. Explain the application of maglev technology in rail transport with the aid of a sketch.
3. Draw a flow chart to illustrate the complexity in development of transportation systems.
4. List all the possible modes that may be available for urban travel in India and rank them based on, (i) accessibility, (ii) Cost of travel and (iii) Level of comfort.
5. Briefly explain how demographic and social factors influence the demand for urban travel.
6. Explain the influence of economic factors on the demand for urban travel.
7. List the possible traffic and transportation problems arising out of increasing travel demand in urban areas.
8. List the three major steps involved in the methodology of approach to urban transportation planning.