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**School of Engineering**  
**M.TECH Transportation Engineering**  
**Mid Term Examination - May 2024**

**Duration : 90 Minutes**  
**Max Marks : 50**

**Sem II - G1PD205T - Mass Transit System**

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) How can Mass Transit Systems be designed to be more accessible for people with disabilities K2 (2)
- 2) Define home interviews surveys K1 (3)
- 3) Explain Stages in Transport Planning K2 (4)
- 4) List and briefly explain the types of inventory of transport facilities K2 (6)
- 5) Explain Advantages and limitations of growth factor model K3 (6)
- 6) What are opportunity model? Explain the types of opportunity models. K3 (9)
- 7) Explain the various issues and challenges in transportation planning process. K4 (8)
- 8) Write a brief note on the integration of different modes of transport. K4 (12)

**OR**

Discuss the contribution of transport towards Noise and Air pollution. K4 (12)