

School of Engineering

M.TECH Transportation Engineering
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 100

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

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| 1) | Explain urban structures and its characteristics. | K1(2) |
| 2) | Explain merit and demerit of mass transit system | K2(4) |
| 3) | Explain the issues of BRTS | K2(6) |
| 4) | Briefly describe the basic steps in systems planning process. | K3(9) |
| 5) | What are the features of boom towns, explain boom town with a view point of travel demand analysis. | K3(9) |
| 6) | Examine modal split and factors affecting it | K5(10) |
| 7) | Explain the role of transportation in the development of a society. | K4(12) |
| 8) | Explain various constraints in transportation planning process. | K5(15) |
| 9) | Write a short note on All or nothing assignment method | K5(15) |
| 10) | Discuss and write all the aspects of DMRC in Mass transit System | K6(18) |