

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Engineering (Department of Civil Engineering) Backlog Examination, June 2023 [Programme: M. Tech in Transportation Engineering] [Semester: II] [Batch:]				
Course Title: Traffic Management & Design		Max Marks: 100		
Course Code: MTPE6019		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	Explain the basic traffic manoeuvres	K2	CO1	5
2.	Describe the relationship between speed, density and volume	K2	CO2	5
3.	Describe the factors affecting PCU values	K2	CO3	5
SECTION-B (40 Marks)		10 Marks each		
4.	Discuss about the important types of warnings signs and regulatory signs	K3	CO2	10
5.	Explain the various applications of spot speed studies	K3	CO3	10
6.	Explain about traffic rotary in details.	K4	CO4	10
7.	Discuss about the importance of road safety studies OR Explain intersection at grade and grade separated intersection	K3	CO5	10
SECTION-C (45 Marks)		15 Marks each		
8.	Explain origin and destination study. What are the various uses of O and D studies	K3	CO3	15
9.	Explain the term traffic volume. What are the objects of carrying out traffic volume studies	K2	CO4	15
10	With neat sketches explain the different types of traffic manoeuvres and their applications OR Discuss about on- street & off-street parking in details.	K6	CO5	15