

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER-V EXAMINATION – WINTER 2025

Subject Code:3150209

Date:29-11-2025

Subject Name:Transport Management and Laws

Time:10:30 AM TO 01:00 PM

Total Marks:70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
Q.1	(a) Write a short note on driver's health and safety.	03
	(b) Explain bus depot organization structure.	04
	(c) Explain Problems on bus scheduling.	07
Q.2	(a) Explain Concept of BRTS operations.	03
	(b) List down the various transport system with advantage.	04
	(c) Explain Fare Structure and various types of fare collecting methods,	07
	OR	
	(c) Write a short note on State Government Undertakings.	07
Q.3	(a) Explain registration of vehicales.	03
	(b) Explain Geographical considerations for planning of New Transport Organization.	04
	(c) Explain economical and safe driving tips for city and highway.	07
	OR	
Q.3	(a) Explain Fleet Management System.	03
	(b) Explain Process of New Licence.	04
	(c) Classify modes of transport in detail. Explain merits and demerits of road transport.	07
Q.4	(a) Types of BRTS operations.	03
	(b) What is global positioning system? Why it is necessary.	04
	(c) Explain Highway Traffic rules & Traffic Signs.	07
	OR	
Q.4	(a) When is permit required?	03
	(b) Define Harmful exhaust gas constituents.	04
	(c) Compare the third party insurance with comprehensive insurance.	07
Q.5	(a) Explain the function of surveyor.	03
	(b) Explain mode of payment of tax.	04
	(c) Explain Euro- I/II/III/IV norms for emission standard.	07
	OR	
Q.5	(a) Explain safety precautions taken by driver.	03
	(b) Explain storage and transportation of petroleum products.	04
	(c) Explain pollution under control certification agency, authority and certification procedure for PUC.	07
