

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2023****Subject Code:3150209****Date:18-12-2023****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) Differentiate between state transport and private transport.	03
	(b) Explain duty of bus driver in case of vehicle accident.	04
	(c) Which are the different tests parameters for driver testing of 4 Wheeler?	07
Q.2	(a) Explain Global positioning system used in Automobile.	03
	(b) Explain different fare rates for different types of services.	04
	(c) What do you mean by fare? Discuss the various methods for laying fares in detail.	07
	OR	
	(c) Define LMV, gross vehicle weight, invalid carriage, motor cab, permit, School bus, stage carriage.	07
Q.3	(a) What do you mean by mass transportation? Give it's advantages and disadvantages.	03
	(b) Which are the essential requirements of selecting bus depot?	04
	(c) Discuss the organizational structure of bus depot.	07
	OR	
Q.3	(a) What do you understand by vehicle schedule? Give its types.	03
	(b) Write down the procedure to accident claim under a motor policy.	04
	(c) Write the RTO name for following code : (1) GJ-31 (2) GJ-12 (3) GJ-26 (4) GJ-18 (5) GJ- 24 (6) GJ-13 (7) GJ-33	07
Q.4	(a) Explain penalty for not carrying proper license while riding a two wheeler. Also the penalty for driving without wearing a seat belt.	03
	(b) Explain Harmful effect of exhaust gas constituents.	04
	(c) Explain 108 organizational activities and its benefit for society.	07
	OR	
Q.4	(a) Explain Storage & transportation of petroleum products.	03
	(b) Compare the third party insurance with comprehensive insurance.	04
	(c) Explain management information system (MIS) in passenger/goods transport operations.	07
Q.5	(a) Explain Concept of BRTS operations.	03
	(b) Differentiate between regulatory, warning and guide signs.	04
	(c) Write a short note on Requirements and Problems on fleet management.	07
	OR	
Q.5	(a) What are the objectives of taxation in Motor Vehicle?	03
	(b) Explain study of odd-even formula.	04
	(c) Write a short note on Euro / Bharat Stage -I, II, III, IV, V, VI norms and implementation.	07
