

# GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V EXAMINATION – SUMMER 2025

Subject Code:3150209

Date:26-05-2025

Subject Name:Transport Management and Laws

Time:02:30 PM TO 05:00 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.

- Q.1** (a) Give the safe driving tips for city and highway. **03**  
(b) What are the advantages and disadvantages of road transport? **04**  
(c) Explain 108 Organizational activities and its benefits for the society. **07**

- Q.2** (a) Explain the procedure for getting driving license. **03**  
(b) Explain bus depot organization structure. **04**  
(c) Define fleet management. Explain the benefits of fleet management. **07**

**OR**

- (c) Draw the layout of bus depot and discuss in brief. **07**

- Q.3** (a) Define the types of accidents. **03**  
(b) Write a short note on driver's health and safety. **04**  
(c) Explain Fare structure and various types of Fare collecting methods. **07**

**OR**

- Q.3** (a) What is global positioning system? Why it is necessary. **03**  
(b) Explain advanced techniques in Traffic Management. **04**  
(c) Explain types of Tax and passenger vehicle taxation. **07**

- Q.4** (a) What are safety precautions taken by driver? **03**  
(b) Explain function of RTO. **04**  
(c) Explain concept of BRTS. **07**

**OR**

- Q.4** (a) Which are the basic factors of bus schedule? **03**  
(b) Explain management information system (MIS) in passenger/goods transport operations. **04**  
(c) Write down the duties of conductors and drivers in case of accident. **07**

- Q.5** (a) What are the advantages of using BS-6 compliant cars? **03**  
(b) Discuss how odd-even formula affects to pollution control policy. **04**  
(c) Write the RTO name for following code: (1) GJ-12 (2) GJ-07 (3) GJ-25 (4) GJ-09 (5) GJ-27 (6) GJ-16 (7) GJ-10. **07**

**OR**

- Q.5** (a) Justify the need of PUC. **03**  
(b) Explain different types of insurance. **04**  
(c) Explain Euro/Bharat stage- I, II, III, IV norms and implementation. **07**

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