

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V(NEW) EXAMINATION – SUMMER 2022****Subject Code:3150209****Date:17/06/2022****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.

MARKS

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|------------|--|-----------|
| Q.1 | (a) Explain the characteristic of Rail transport. | 03 |
| | (b) Discuss the various modes of Transport in brief. | 04 |
| | (c) Draw the layout of bus depot and discuss its essential requirements. | 07 |
| Q.2 | | |
| | (a) Discuss the duties of surveyor. | 03 |
| | (b) Discuss various activities to be carried out in transport planning. | 04 |
| | (c) How road transport plays an important role in national scene? | 07 |
| OR | | |
| | (c) Explain 108 organizational activities and its benefit for society. | 07 |
| Q.3 | | |
| | (a) Which are the various types of booking? | 03 |
| | (b) Explain the functional organizational structure of passenger transport. | 04 |
| | (c) Explain the effect of Geographical considerations & economic factors on Planning for New Transport Organization. | 07 |
| OR | | |
| Q.3 | | |
| | (a) What is crew schedule? | 03 |
| | (b) Write a note on fleet management. | 04 |
| | (c) Explain cost of services in detail. | 07 |
| Q.4 | | |
| | (a) Draw the following cautionary road signs:
1. Right Hair Pin Bend, 2. Narrow Road Ahead, 3. Left Side Road. | 03 |
| | (b) Draw the following road signs:
1. No Entry, 2. U-Turn Prohibited, 3. Cross Road, 4. Stop | 04 |
| | (c) Give the name of cities for following codes:
GJ28, GJ18, GJ21, GJ34, GJ16, GJ09, GJ06. | 07 |
| OR | | |
| Q.4 | | |
| | (a) Explain concept of BRTS. | 03 |
| | (b) Discuss the usefulness of a vehicle log book with reference to information recorded in it. | 04 |
| | (c) Explain RTO registration of a new vehicle. | 07 |
| Q.5 | | |
| | (a) Define accident and its types in brief. | 03 |
| | (b) Explain the duties of driver in case of accident. | 04 |
| | (c) Explain accident claim procedure in details. | 07 |
| OR | | |
| Q.5 | | |
| | (a) Differentiate between insurance and assurance. | 03 |
| | (b) Compare the third-party insurance with comprehensive insurance. | 04 |
| | (c) Explain pollution under control certification agency, authority and certification procedure for PUC. | 07 |
