

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. Sem. – IInd - Examination – June/July- 2011****Subject code: 1721907****Subject Name: Road Safety****Date: 01/07/2011****Time: 10:30 am – 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.

Q.1 (a) Write short note on accident data recording. **07**

(b) Describe the elements of accident information system for accident prone locations. **07**

Q.2 (a) Compare accident problem scale in India and US in brief. **07**

(b) Which are the objectives of Road Safety Audit? **07**

OR

(b) Discuss about the key area of maintenance for road safety. **07**

Q.3 (a) What are the contents of Road Safety Audit Report? **07**

(b) State the safety measures for road user. **07**

OR

Q.3 (a) State steps taken by government to minimize road accidents. **07**

(b) Suggest the road trip tips for drivers. **07**

Q.4 (a) Discuss the traffic management techniques. **07**

(b) Write short note on road signals. **07**

OR

Q.4 (a) Write short note on road markings. **07**

(b) Explain methodologies for accident costing. **07**

Q.5 (a) What is the role of managers of state transport undertakings for reducing bus accidents? **07**

(b) Briefly state the hurdles in the path to implement the “road safety” safely. **07**

OR

Q.5 (a) Explain various types of traffic signs briefly. **07**

(b) Write short on education measures for road safety. **07**
