

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII (NEW) EXAMINATION – WINTER 2018****Subject Code: 2170205****Date: 03/12/2018****Subject Name: Transport Management & 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.

- Q.1** (a) List down the various transport system with advantage. **03**
(b) Write a short note on driver's health and safety. **04**
(c) Explain training required for staff of RTO. **07**

- Q.2** (a) Define the term : (1) unladen weight, (2) gross vehicle weight **03**
(b) Discuss the transport organization structure. **04**
(c) Explain requirement and problem on fleet management. **07**

OR

- (c) Discuss the different terms used in motor vehicle act.(minimum. seven) **07**

- Q.3** (a) Define duty of driver in case of accident. **03**
(b) Explain bus depot organization structure **04**
(c) Explain 108 organizational activities and its benefit for society. **07**

OR

- Q.3** (a) What is global positioning system? Why it is necessary. **03**
(b) What is the advance technique in traffic management? **04**
(c) Describe fare structure and various types of fare collecting method. **07**

- Q.4** (a) Which is the basic factors of bus schedule? **03**
(b) Write a short note on concept of BRTS operation. **04**
(c) Explain management information system (MIS) in passenger/goods transport operations. **07**

OR

- Q.4** (a) Which type of documents are required for LMV. **03**
(b) Explain the duty of surveyor in case of accident. **04**
(c) Explain pollution under control certification agency, authority and certification procedure for PUC. **07**

- Q.5** (a) What is insurance? **03**
(b) What is safety precautions taken by driver? **04**
(c) Explain offences , penalties and procedure under MVA **07**

OR

- Q.5** (a) Define Harmful exhaust gas constituents. **03**
(b) Discuss the study of Odd-Even formula. **04**
(c) Explain Euro/Bharat stage – 1,2,3,4 norms and implementation, testing and measurement. **07**
