

B.TECH.**(SEM-VI) THEORY EXAMINATION 2018-19****VEHICLE TRANSPORT MANAGEMENT****Time: 3 Hours****Total Marks: 100****Note: 1. Attempt all Sections. If require any missing data; then choose suitably.****SECTION A****1. Attempt all questions in brief. 2 x 10 = 20**

- a) Define the transport and transport management?
- b) What are the road signs?
- c) What are the methods utilized in route planning?
- d) Define the overhauling process?
- e) What do you mean by dissemination of information?
- f) What are the disadvantages of road transport over other?
- g) What are traffic control devices?
- h) Define the pedestrian.
- i) What are the methods used for fare collection?
- j) What are the main functions which should be performed by vehicle transport management?

SECTION B**2. Attempt any three of the following: 10x3=30**

- a) What are the traffic signs and how will you estimate the traffic flow on the highway?
- b) Explain the "Bell punch system" and "Fare Box" fare collection systems used in vehicle transport.
- c) What are the various transport system in existence. Explain all advantages of road transport over other transport?
- d) Explain the "Garage Layout of premises" and how best location of Garage will affect in operation justify.
- e) What are the different types of ownership of vehicle transport? Explain the partnership ownership.

SECTION C**3. Attempt any one part of the following: 10x1=10**

- a) What are the equipments used in Garage and how many types of special equipments utilized by engineering department in Garage?
- b) Define the preventive maintenance. Why servicing and maintenance is life extending activity justify.

4. Attempt any one part of the following: 10x1=10

- a. Discuss about "Safe Driving" what are the steps to be followed to avoid road accident?
- b. Write short note on: (i) Bus Shelter (ii) Tram.

5. Attempt any one part of the following: 10x1=10

- a. What are the various functions of vehicle transport management? Explain in detail.
- b. Explain the fare structure and its importance in vehicle transport management.

6. Attempt any one part of the following: 10x1=10

- a. What do you understand by overhauling of an automobile vehicle and explain minor and major overhauling in details? How "Goodwill" maintained by any organization explain in details?
- b. What are the equipments used by Engineering Department in garage? What are the advantages and disadvantages of road transport?

7. Attempt any one part of the following: 10x1=10

- a. What are the different forms of ownership for passenger bus transport? Explain all in details.
- b. What is operating cost? How many type of cost includes during running a vehicle? What are the factors kept in mind during planning the route of a vehicle?