

(Following Paper ID and Roll No. to be filled in your Answer Books)

PAPER ID :**Roll No.**

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B.TECH.**Theory Examination (Semester-VI) 2015-16****VEHICLE TRANSPORT MANAGEMENT****Time : 3 Hours****Max. Marks : 100****SECTION A****1. Attempt all parts.****(2× 10 = 20)**

- What is meant by depreciation?
- Name some traffic control devices
- Define the term preventive maintenance.
- What is the role of administration?
- Show any two traffic signs their significance.
- What are the demerits of flat fare system?
- What are uses and advantages of time table layouts?
- What is a fare structure?
- What are the properties of a good route set?
- Enlist the factors to be considered while designing a bus station.

SECTION B**2. Attempt any five parts of the following.****(10× 5 = 50)**

- Discuss the factors to be considered to avoid problems in bus scheduling.
- Mention the steps to be followed in designing the organization structure.
- What are the various methods to maintaining goodwill and handling complaints? Explain in detail.
- How the seating capacity is related to the operating cost of transport vehicle?
- Compare seating capacity and other special features of luxury service to that of express service.
- What are the functions of traffic operating division in a transport organization? Explain.
- What is staff to bus ratio? What are the requirements of drivers and conductors for city operations where the bus operates in three shifts in terms of staff bus ratio?
- Elaborate responsibilities and essential managerial functions in personnel management.

SECTION C**Attempt any two parts of the following.****(15× 2 = 30)**

- Mention the duties and responsibilities of the owner, driver and conductor of a bus. What are the qualifications prescribed for each of the above as per motor vehicle act?
- Explain briefly constitution role and function of regional transport authority and state transport authority under motor vehicle act 1988.
- Describe the Bell Punch fare System? What are the advantages of ticket issuing machine and compare it to the other fare collection system?

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