



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

PAPER ID : 147654

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15
VEHICLE TRANSPORT MANAGEMENT

Time : 3 Hours]

[Total Marks : 100

Note : Attempt all sections.

1 Attempt four questions : **5×4=20**

- (A) Define the term 'Preventive Maintenance'.
- (B) Discuss the various transport system in existence.
- (C) What are the advantages of road transport system over other types?
- (D) What are the basic factors to be considered while preparing bus Schedule?
- (E) Explain the 'Garage Layout' of premises with neat sketch.

2 Attempt any two questions: **10×2=20**

- (A) Explain in brief 'Fare Collection System' in a road transport organization.
- (B) Describe the different forms of ownership for passenger bus transport with their salient features.
- (C) What are the principal management functions in a transport company? Discuss each with organization charts.

3 Attempt any two questions : **10×2=20**

- (A) Discuss the significance of 'Permit System' for a passenger car and goods vehicle and explain how transport management system maintains its goodwill?
- (B) What are the different kinds of 'Fare Structure'? Explain each one in detail with their merits and demerits.
- (C) Explain the various steps to be taken for avoiding accidents. What are the annual awards and Bonus encouragement to the driver for safe driving?

4 Attempt any two questions : **10×2=20**

- (A) What are the functions of traffic operating division in a transport organization? Explain.
- (B) Explain the importance of fare stage. What are the different concession fares for a workman ?
- (C) 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 ?

5 Attempt any two questions : **10×2=20**

- (A) Compare seating capacity and other special features of luxury service to that of express service.
- (B) Describe the Bell Punch fare System? What are the advantages of ticket issuing machine and compare it to the other fare collection system?
- (C) What are the items that control the operating costs of a vehicle? What is meant by depreciation?
