

CBCS SCHEME

USN

21AU733



Seventh Semester B.E./B.Tech. Degree Examination, June/July 2025

Vehicle Transport Management

Max. Marks: 100

Note : Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Explain Urban transportation historical growth and development. (10 Marks)
- b. Explain Motor Vehicle Act 1988 with respect to vehicle transport management. (10 Marks)

OR

- 2 a. Differentiate between preventive maintenance and breakdown maintenance. (10 Marks)
- b. Explain requirements of depots and bus station. (10 Marks)

Module-2

- 3 a. Explain different forms of ownership and their advantages. (10 Marks)
- b. List and explain driver and conductor duties. (10 Marks)

OR

- 4 a. List and explain factors affecting frequency of bus scheduling. (10 Marks)
- b. List and explain factors to consider while fixing a new route of bus transportation. (10 Marks)

Module-3

- 5 a. Explain the importance of fare collections in managing vehicle transportation. (10 Marks)
- b. Differentiate between mechanical ticket machines and electronic ticket machine. (10 Marks)

OR

- 6 a. What is fare structure? Explain various methods used in practice. (10 Marks)
- b. What is Concession fare? What are the benefits of concession fare? (10 Marks)

Module-4

- 7 a. Classify and explain the different types of costs related to road transport organization. (10 Marks)
- b. Explain the influence of mileage on operating cost per mile for public service vehicles. (10 Marks)

OR

- 8 a. Explain the role of public relations dept in order to build up a goodwill about organization. (10 Marks)
- b. Explain any 5 roles and responsibilities of traffic advisory committees. (10 Marks)

Module-5

- 9 a. Explain factors which influence the accidents and explain preventive steps in order to avoid the same. (10 Marks)
b. Explain advantages and disadvantages of electric buses for public transportation. (10 Marks)

OR

- 10 a. How do you classify buses based on their seating capacity and explain them with sketches? (10 Marks)
b. How do you meet the environmental requirements by adopting new technology to the bus? (10 Marks)
