

# CBCS SCHEME

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17AU552

## Fifth Semester B.E. Degree Examination, Dec.2019/Jan.2020 Vehicle Transport Management

Time: 3 hrs.

Max. Marks: 100

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

### Module-1

- 1 a. Explain the historical background of transportation. (10 Marks)  
b. What are different types of maintenance? Explain them. (10 Marks)

OR

- 2 a. State and explain 10<sup>th</sup> and 11<sup>th</sup> schedules of MV Act of 1988. (10 Marks)  
b. What are the points which should be kept in mind while selecting depot layout. (10 Marks)

### Module-2

- 3 a. Explain the different forms of ownership in Indian transport organization. (10 Marks)  
b. What is bus scheduling? What are basic factors to be considered for bus scheduling? (10 Marks)

OR

- 4 a. Give the different types of administrative setup in transport organization in metro cities. (10 Marks)  
b. What is route planning? Highlight the factors considered while fixing the new route. (10 Marks)

### Module-3

- 5 a. Explain the different types of fare system used in Indian transport organization. (10 Marks)  
b. Explain the stage and fare structure. (10 Marks)

OR

- 6 a. Explain the following fares in detail: (10 Marks)  
i) Bell punch ii) Bell graphic method.  
b. Explain briefly straight and taper scale fares. (10 Marks)

### Module-4

- 7 a. Briefly explain capital cost, cost of operation and maintenance cost. (10 Marks)  
b. What are the duties and responsibilities of PRO in transport organization? (10 Marks)

OR

- 8 a. Explain the term depreciation concern with vehicle. (10 Marks)  
b. Write short note on public relation work. (10 Marks)

### Module-5

- 9 a. What are the causes of accidents? Explain how the accidents are prevented. (10 Marks)  
b. Explain the different types of buses and coaches with neat sketch. (10 Marks)

OR

- 10 a. Classify the accident types according to bus transport undertakings. (10 Marks)  
b. Briefly explain hybrid vehicle and battery operated vehicle. (10 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.