

Code No: **R1631244**

**R16**

**SET - 1**

**III B. Tech I Semester Supplementary Examinations, August - 2021**

**VEHICLE TRANSPORT MANAGEMENT**

(Automobile Engineering)

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)  
2. Answer **ALL** the question in **Part-A**  
3. Answer any **FOUR** Questions from **Part-B**

**PART -A**

**(14 Marks)**

1. a) Distinguish the pedestrians, zebra lines and margins. [2M]  
b) State the Transport policy. [2M]  
c) How the turning points are taken care in town planning transport? [2M]  
d) What is a duty roaster? Explain. [3M]  
e) What is bell punch system? [3M]  
f) Write a short note on Association State Road Transport Undertakings (ASRTU). [2M]

**PART -B**

**(56 Marks)**

2. Explain the important characteristics of road transport? Describe briefly. Mention the advantages of various transport organizations run by government. [14M]
3. a) Explain efficient organization structure and their duties of passenger transport. [7M]  
b) What is the need of the traffic advisory committee? Explain. [7M]
4. a) How the cost of road accident is assessed? What factors you will take into account while doing so? [7M]  
b) Explain source of traffic. What are factors to be considered in town planning to maintain control traffic flow? [7M]
5. a) What are the statutory provisions that are to be taken into account while preparing crew scheduling? [7M]  
b) Describe the flat graph method of presentation of vehicle schedule. [7M]
6. a) List out the factors affecting "fare structure". [7M]  
b) What are the requirements of a fare collection system? Explain "Double box collection system" for fare collection systems. [7M]
7. a) How the depreciation charges are calculated for a bus? Give an example. [7M]  
b) Discuss the components that come under "direct operational costs" in a Transport Organization. [7M]

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