

Code No: R32242

**R10****Set No: 1**

III B.Tech. II Semester Supplementary Examinations, January -2014

**VEHICLE TRANSPORT MANAGEMENT**

(Automobile Engineering)

**Time: 3 Hours****Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

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1. What are the various methods to maintaining goodwill and handling complaints?  
Explain in detail. [15]
2. (a) How the seating capacity is related to the operating cost of transport vehicle?  
(b) Explain the term spread over in a Transport Company. [7+8]
3. (a) What is the role of the press to improve quality of services of transport services?  
(b) To improve patronage of the commuters what type of schemes have been introduced in APSRTC? [7+8]
4. (a) How the routes are classified?  
(b) What are the operating characteristics? [7+8]
5. (a) What is the need of checking activity? [6+9]  
(b) What are various sources of commercial revenue for a State Transport Undertaking?
6. (a) Where is bus stations located? Explain the criterion in fixing the place for construction.  
(b) List out important garage equipment to undertake regular maintenance and accident repair works of vehicles. [7+8]
7. (a) What are the various factors to plan staff administration? Explain in detail with examples.  
(b) Explain the term spread over in a Transport Company. [9+6]
8. (a) Explain Types of Tax and Post of services.  
(b) What documents are needed to register a newly purchased heavy commercial vehicle? [7+8]

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**VEHICLE TRANSPORT MANAGEMENT**

(Automobile Engineering)

**Time: 3 Hours****Max Marks: 75**

Answer any FIVE Questions  
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1. (a) What are the emission standards prescribed under the MV rules to control pollution?  
(b) Explain significance of bus depot along with layout and list the different passenger facilities necessary. [7+8]
2. (a) Explain State road Transport undertakings with one case study.  
(b) Explain Types of Tax and Post of services. [9+6]
3. (a) Mention the duties of conductor & drivers of State Transport Organization.  
(b) Explain source of traffic. What are factors to be considered in town planning to maintain control traffic flow? [6+9]
4. (a) Write briefly history of transport industry development in India.  
(b) Write short note on 'Control of Traffic's. [8+7]
5. (a) List any four precautions taken for safe driving.  
(b) Classify the types of vehicles?  
(c) How the one man fare collection system is classified? [5+5+5]
6. (a) Explain the salient features of Public limited transport company?  
(b) What is the scope of committing irregularities by the concerned staff in "Scribe Ticket" system? [6+9]
7. (a) Where is bus stations located? Explain the criterion in fixing the place for construction.  
(b) List out important garage equipment to undertake regular maintenance and accident repair works of vehicles.  
(c) Explain the importance of fare stage. Where a fare stage is allowed? [5+5+5]
8. (a) Classify various modes of transports with advantages and disadvantages. (Land, air, water).  
(b) What is the role played by vehicle research development establishment CIRT in transport undertakings? [9+6]

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**R10****Set No: 3**

III B.Tech. II Semester Supplementary Examinations, January -2014

**VEHICLE TRANSPORT MANAGEMENT**

(Automobile Engineering)

**Time: 3 Hours****Max Marks: 75**

Answer any FIVE Questions

All Questions carry equal marks

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1. (a) Explain modes of Transport.  
(b) Explain role & function of Bus-depots  
(c) List out important garage equipment to undertake regular maintenance and accident repair works of vehicles. [5+5+5]
2. (a) Motor vehicle registration mark system in India.  
(b) State the difference in the Roles of state Transport Authority and Regional Transport Authority. [7+8]
3. (a) What records are required to be maintained by a Goods Transport working? Explain their usefulness.  
(b) Define (i) Time table (ii) Depot [7+8]
4. (a) Explain routes & Frequency of Bus service.  
(b) Explain duty of Driver in case of Road accident. [8+7]
5. (a) List any eight basic elements of transport management.  
(b) State the different types of motor vehicle insurances and the risk covered under these policies. [8+7]
6. (a) State the basic of requirements of freight calculation for goods transport.  
(b) List the factors considered in crew scheduling for passenger transport.  
(c) Draw the format required for Log Book. [5+5+5]
7. (a) What is the importance of warranty system of vehicles?  
(b) Write the procedure of survey in case of accident of vehicle.  
(c) List any four motor vehicle offences and penalties for it. [5+5+5]
8. (a) How do you work out operational cost of a transport organization? Indicate what Costs are categorized as fixed? What costs variable?  
(b) Explain the uses of the vehicle running with numbering. [8+7]

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**R10****Set No: 4**

III B.Tech. II Semester Supplementary Examinations, January -2014

**VEHICLE TRANSPORT MANAGEMENT**

(Automobile Engineering)

**Time: 3 Hours****Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

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1. (a) Explain Licensing of Drivers.  
(b) Explain Factors affecting the location of Bus-depots.  
(c) What are the factors to be considered to locate bus stops? [5+5+5]
2. (a) Differentiate between State Transport and Private Bus services.  
(b) Explain source of traffic. What are factors to be considered in town planning to maintain control traffic flow? [8+7]
3. What different types of insurance cover are available for a motor vehicle? Discuss them briefly. Can you drive a vehicle without an insurance cover? Why? [6+5+4]
4. (a) What alternative fuels are being tried on experimental basis to keep transport vehicle in operation? [9+6]  
(b) List the documents regard to be carried with driver in case of goods transport.
5. (a) Explain different types of forms used in RTO.  
(b) Explain Passenger Vehicle taxation. [8+7]
6. (a) Classify the fare collection systems.  
(b) Explain "Double box collection system" for fare collection systems. [8+7]
7. (a) Define vehicle operations cost (VOC) and show it in the form of an equation?  
(b) How the cost per kilometer is reduced in operation of bus services? [8+7]
8. (a) What alternative fuels are being tried on experimental basis to keep transport vehicle in operation?  
(b) Explain about Straight line Scale Method with a neat sketch. [10+5]

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