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BTECH
(SEM VI) THEORY EXAMINATION 2021-22
VEHICLE TRANSPORT MANAGEMENT

Time: 3 Hours**Total Marks: 100****Note:** Attempt all Sections. If you require any missing data, then choose suitably.**SECTION A**

1. Attempt all questions in brief. $2*10 = 20$

Qno	Questions	CO
(a)	What is the main objective of vehicle transport management?	1
(b)	What are the methods utilized in route planning?	1
(c)	State the purpose of Vehicle Ledger and MOPS.	2
(d)	Define the overhauling process?	2
(e)	Write the function of CIRT.	3
(f)	What is registration mark?	3
(g)	Differentiate between STA and RTA claiming vehicle.	4
(h)	Describe the term 'vehicle fitness'.	4
(i)	State motor vehicle act.	5
(j)	Give any four types of forms used in MVA. State its purpose.	5

SECTION B

2. Attempt any three of the following: $10*3 = 30$

Qno	Questions	CO
(a)	Describe the policies of transport organization towards passengers.	1
(b)	Explain schedule maintenance and unscheduled maintenance with an example.	2
(c)	What is operating cost? How many type of cost includes during running a vehicle?	3
(d)	Explain the "Bell punch system" and "Fare Box" fare collection systems used in vehicle transport.	4
(e)	Describe procedure to get driving licence in detail. State the documents required to obtain it.	5

SECTION C

3. Attempt any one part of the following: $10*1 = 10$

Qno	Questions	CO
(a)	What are the different types of ownership of vehicle transport? Explain the partnership ownership.	1
(b)	What are the various transport system in existence. Explain all advantages of road transport over other transports?	1

4. Attempt any one part of the following: $10 *1 = 10$

Qno	Questions	CO
(a)	Define the preventive maintenance. Why servicing and maintenance is life extending activity justify.	2
(b)	Write the risk assessment table for transport vehicle maintenance.	2

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5. Attempt any one part of the following: 10*1 = 10

Qno	Questions	CO
(a)	Classify different type of Vehicle expenses. Also elaborate computer controlling of fleet activity.	3
(b)	List & Explain different types of inventory Costs in a transport company. How downtime affect the inventory system.	3

6. Attempt any one part of the following: 10*1 = 10

Qno	Questions	CO
(a)	Explain the fare structure and its importance in vehicle transport management.	4
(b)	Calculate number of buses required for transport operation between terminals A& B and prepare a bus schedule for data given below- (i) Distance between A & B is 100 km (ii) Buses are operated through the day between 6.00 a.m. to 8.00 p.m. with frequency of 1 Hr. (iii) Running time is 3 Hrs. and standing time is 1 Hr.	4

7. Attempt any one part of the following: 10*1 = 10

Qno	Questions	CO
(a)	Discuss the importance of traffic signs and how will you estimate the traffic flow on the highway?	5
(b)	Explain briefly constitution role and function of regional transport authority and state transport authority under motor vehicle act 1988.	5