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Total No. of Questions : 09

B.Tech.(AE) (2011 Onwards E-II) (Sem.-7,8)
TRANSPORT MANAGEMENT & AUTOMOTIVE INDUSTRY
Subject Code : BTAE/DE-714
Paper ID : [A2939]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

SECTION-A

1. Write short notes on :

- What is the limiting age for issue of learning license?
- Draw the traffic sign representing “*NO U-TURN*”.
- Which is the first commercial car manufacturing industry in WORLD?
- Write the name of any two procedures used for route planning.
- What do you mean by inventory?
- What is the full name of PMI?
- What are the main points of driver checklist?
- What is trip leasing?
- What is the water carrying capacity of firefighting service vehicle?
- What are the different training techniques? Just name them.

SECTION-B

2. Explain the procedure of motor vehicle registration.
3. Write a short note on current scenarios in Indian auto industry.
4. Explain scheduled and unscheduled maintenance planning.
5. Explain the methods of fare collection. Also give the key points for good fare structure.
6. Explain the description of Tipper.

SECTION-C

7. Write short notes on :
 - a) Auto ancillary industries
 - b) Energy Management
 - c) Cost of Inventory
8. Draw any seven symbols of traffic sign. Explain the meaning of each in detail.
9.
 - a) Explain vehicle operation and its types.
 - b) Explain Breakdown analysis and control of repair backlogs.