Total No. of Pages: 02

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:

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

SECTION-A

1. Write briefly:

- (a) What is the use of tipper?
- (b) Which is the first commercial car manufacturing industry in INDIA?
- (c) Who invents the diesel engine?
- (d) Write the name of any two methods used for fare collection.
- (e) What is bin tang system?
- (f) What are the main points of 'Basic principle of supervising'?
- (g) Write any two differences between Scheduled and Unscheduled maintenance.
- (h) What is downtime?
- (i) Name any four training devices.
- (j) What do you mean by breakdown analysis?

SECTION-B

- 2. Draw any three symbols of traffic sign. Explain the meaning of each in detail.
- 3. Discuss the role of automobile industry in national growth.
- 4. What are the different classifications of vehicle expense? Explain them in detail.
- 5. Write short note on Time Management.
- 6. Write a short note on route planning?

SECTION-C

- 7. Discuss the description of following:
 - a) Good Carrier
 - b) Delivery Van
 - c) Break down Service Vehicle
- 8. Explain different type of maintenance planning and its scope. Also explain the procedure of evaluation of PMI program.
- 9. Explain the procedure for 'preparation of fare table'. Draw the fare table for a month for a Bus going from Jalandhar to Amritsar daily up and down. Assume the suitable data.