

Total No. of Questions : 6

Total No. of Printed Pages : 2

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EKS-344**B.E. VII Semester (CGPA) Civil Engg.
Examination 2017****TRAFFIC ENGINEERING (ELECTIVE - I)****Paper : CE-704*****Time Allowed : Three Hours******Maximum Marks : 60***

- Note :** i) Attempt all questions.
ii) All questions carry equal marks.

- Q.1. a) Explain PIEV theory with neat sketch. 5
b) What are the different vehicular characteristics for road design? Explain in detail. 5
- Q.2. a) Explain the purpose and importance of speed and delay study. 5
b) Describe origin and destination study in detail. 5
- Q.3. a) Explain traffic rotary. What are its advantages and limitations? Explain in detail. 5
b) What are various types of traffic markings commonly used? Explain with uses. 5

(2)

- Q.4. a) Explain the different types of light sources used for street lighting. 5
- b) Describe : 5
- i) Fundamental factors of night vision and
- ii) Street lighting system.
- Q.5. a) What are the factors responsible for road accidents with respect to driver, vehicle and road characteristics. 5
- b) Discuss Mass Transportation in detail. 5
- Q.6. a) Describe various road user's characteristics. 5
- b) Write an explanatory note on one way streets and its advantages and limitations. 5

