

No. of Printed Pages : 03

Roll No.

H-4003

B. Arch. EXAMINATION, Dec. 2017

(Ninth Semester)

(Main Only)

AR-509B

TRAFFIC AND TRANSPORTATION-IX

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Each question is of 15 marks.

(3-58/19)M-H-4003

P.T.O.

Unit I

1. How urban structure influence Transportation system in urban areas ? **15**
2. Write short notes on any *two* of the following : **7½×2=15**
 - (a) Pedestrian Survey
 - (b) Speed and Delay Studies
 - (c) Origin and Destination Surveys.

Unit II

3. Explain various components of efficient transportation system. **15**
4. Explain intersection geometric design of roads. **15**

Unit III

5. What are traffic characteristics of small cities and what type of planning is required to solve traffic problems in small cities ? **15**

6. Write speed and space standards of various types of roads ? **15**

Unit IV

7. Enumerate various TDM (Traffic Demand Management) strategies to reduce congestion at roads. **15**
8. How various types of pollution caused by Traffic can be reduced by efficient transportation system ? **15**