

Roll No.

Total No. of Pages : 01

Total No. of Questions : 09

Masters in Architecture (2013 & Onwards) (Sem.-2)

TRAFFIC & TRANSPORTATION

Subject Code : MACH-206

Paper ID : [A3205]

Time : 3 Hrs.

Max. Marks : 50

INSTRUCTION TO CANDIDATES :

1. Attempt Q. No. 1 and any FOUR Questions, taking at least ONE Question from EACH UNIT.
2. All questions carry EQUAL marks.

Q1. Assess the contribution of Traffic and Transport planners in creating a sustainable Metropolitan region, with the help of a suitable case study.

UNIT-I

Q2. How would you ensure the safety of a busy urban road through traffic planning measures?

Q3. Enlist the surveys necessary in assessing transportation systems? Give an analysis of any such survey conducted by you during your course period.

Q4. What are the various transportation systems available to the contemporary planners? Justify which one would you prefer for a city like Amritsar?

UNIT-II

Q5. Comment on the necessity of highway plantation. Evaluate the standards followed in highway landscaping along the national highways of India.

Q6. Write a report on the Environmental Impact Assessment of any master plan you have studied.

Q7. As a planner, what steps would you follow for a sustainable transportation system of a developing urban area to be followed by planners?

UNIT-III

Q8. How do you rate BRT system? Taking some case examples, evaluate the effectiveness of the same in cities of the developing world.

Q9. What are the traffic problems faced in an intersection? Give a detailed design of a well designed intersection which are grade-separated.