

Answer any FIVE questions

All questions carry EQUAL marks

1. (a) Write the advantages and disadvantages of one-way streets?
(b) What traffic regulations can be taken to improve traffic flow during rush hours?
(a) Write the purpose and scope of Stop and yield controls at at-grade intersections?
2. (a) Explain the techniques and the methods adopted for evaluation of traffic management systems?
(b) Write a short note on Access Management at urban high speed roadway facilities?
3. (a) How do we measure traffic-congestion? What can we do to better manage congestion?
(b) Explain the need for short range and long range TSM action plan?
4. (a) Write short note on transit and intermediate public transport service improvements as a part of TSM?
(b) Explain the scope of intersection management techniques? Elaborate on Signal Progression?
5. (a) Write the details of local area traffic management plan related to pedestrian facilities?
(b) Write short note on traffic effects of land use developments?
6. (a) What is local area traffic management plan? Explain a few design guidelines on speed controlling devices in residential neighborhoods?
(b) When and where should Transportation Demand Management (TDM) plans be required? Which TDM strategies should be included in a TDM plan?
7. (a) Write the advantages and disadvantages of passing and non-passing regulations? A few examples may be cited for each case?
(b) Write the main objectives of local area traffic management?
8. (a) Write the functional responsibilities of traffic administration?
(b) State the objectives and benefits of community consultation in traffic administration?
Write the basic requirements for citizen participation?
