

UNIT-III

S.No	Questions	BTL	CO	PO
Part–A(Short Answer Questions)				
1	Draw a neat sketch of Condition and Collision diagram.	1	3	1
2	Define traffic volume and traffic density and speed.	1	3	1
3	List the factors to be considered in the design of intersection at grade.	1	3	1
4	List the various types of on street and off street parking facilities.	1	3	1
5	What are the different traffic signs and their relevance?	3	3	1
6	Present different types of road markings, their specifications and their	3	3	1

7	Draw and explain different types of grade separated interchanges	1	3	1
Part–B(Long Answer Questions)				
8	Write a note on various road user characteristics affecting the traffic.	1	3	2
9	Briefly explain the various objectives and methods of O and D studies.	3	3	1
10	Briefly explain the various design factors to be considered in the design of rotary.	3	3	2
11	With neat sketches, explain the Different types of traffic Islands and conflicts at Intersections.	3	3	3
12	List and explain the various advantages and disadvantages of Rotary.	2	3	3
13	List the various advantages of at grade and Grade separated Intersections.	3	3	1
14	Present the different types of islands and their functionality in reducing the conflicts.	3	3	2
15	Present the design procedure of rotary as traffic Control Island.	3	3	3
16	What are the requirements of at grade intersection?	2	3	3
17	Present on different types of intersections	3	3	1