

UNIT-IV

S.No	Questions	BTL	CO	PO
Part–A(Short Answer Questions)				
1	List the various tests to be conducted to evaluate the strength properties of soils	1	4	1
2	Differentiate between Tack Coat and Prime Coat.	2	4	1
3	How do you frame design controls in geometrics of highway explain from each feature with	2	4	1
4	specification?	1	4	1
5	Draw typical conflict points in an intersection and suggest different types of treatments.	2	4	1
6	Present different types of pavement failures.	1	4	1
Part–B(Long Answer Questions)				
7	List the specifications, materials and construction steps for laying Bituminous concrete.	2	4	2
8	Explain briefly the importance and requirements of Highway Drainage.	2	4	3
9	Discuss the desirable properties of Coarse Aggregates.	2	4	3
10	Explain how the soils are classified based on HRB soil classification system.			
5	Present the construction procedure of any black top road?	2	4	3
6	Present the test procedures to characterize the highway materials?	1	2	3

7	Present the construction procedure of cement concrete road?	4	4	3