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Code No: 137HV

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	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABA	AD	
	B. Tech IV Year I Semester Examinations, December - 2019		
	TRAFFIC ENGINEERING (Civil Engineering) This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all questions in Part consists of 5 Units. Answer any one full question from each unit. Each question marks and may have a, b as sub questions.	A. Part B	/
AG		25 Marks)	/
1.a) b) c) d) e) f) g) h) i) j)	Draw the relations among volume, speed and density. Present the applications of origin and destination studies and different ways of rethem? What are the different measures to increase road safety? Present the procedures in road safety auditing from different perspectives? Present on heavy vehicle adjustment and driver population adjustment. Define on level of service and factors influencing them. List the warrants of traffic signals. Explain congestion pricing and factors influencing them. How do you arrive on differential toll policies and present leads and quaprocedures? PART - B	[3] [2] [3] [2] [3] [2] [3] [2]	
2.	Explain on methods of speed studies? And present on statistical methods for analysis. OR	[10]	
AG^3 .	Explain the procedure for delay study and present delay analysis and factors in modeling them.	offluence in [10]	1
4.	Explain different methods of parking study and present on versions of parking an OR	alysis.[10]	
5.	Explain different methods of accident analysis and modeling.	[10]	
△ (Discuss on analysis concepts for capacity and its relation with level of service. OR OR OR OR OR OR OR OR OR O	[10]	/

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