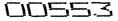
B.Tech. CIVIL ENGINEERING (BTCLEVI)

Term-End Examination

December, 2016



BICEE-016: TRANSPORTATION PLANNING

Note: Attempt any five questions. All questions carry equal marks.		
1. (a)	Write a short note on the concept of travel demand.	7
(b)	Discuss the difficulties in the process of transport planning.	7
2. (a)	Explain the trip-making behaviour with respect to sequential and simultaneous models.	7
(b)	Give an account of transportation problems of urban areas in India.	7
3. (a)	What is zoning? Discuss the points to be considered while dividing an area into zones.	7
(b)	Write a short note on the procedure of conducting a Roadside interview survey.	7

4.	(a)	What do you mean by Expansion of Data from samples? Discuss its limitations as a	
		type of Transportation Survey.	7
	(b)	What is Category Analysis? Make an account of assumptions adopted for this technique.	7
5.	Desc	cribe the following :	
	(a)	Growth Factor Model	7
	(b)	Gravity Model	7
6.	(a)	Discuss in detail the various factors affecting modal split.	7
	(b)	Explain the utility of mode split curves in Transportation Planning Process.	7
7.	(a)	Discuss in detail the various elements of transportation networks.	7
	(b)	Write a short note on minimum path trees.	7