*	
	SS of the sector
	While applicant to respect the street
	Reg. No.:
	Question Paper Code: 31178
	B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.
	Seventh Semester
	Civil Engineering
	CE 2026/CE 701/10111 CEE 21 - TRAFFIC ENGINEERING AND MANAGEMENT
	(Regulation 2008/2010) Time: Three hour
	Time: Three hour Answer ALL questions. Maximum: 100 marks
	PART A — $(10 \times 2 = 20 \text{ marks})$
	1. State the static and dynamic characteristics of vehicle.
	2. What is the significance of braking test?
	3. What is 98th percentile speed? State its significance. 4. Differentiate basic and possible highway capacity.
1 45 / 15 4. 1	
- x	5. Give any four sketches of warming signs.
	6. Write down any two advantages of vehicle actuated signals.
	 Give the conflict point sketch of two-one way streets and mention the points.
	8. Draw any four basic forms of at-grade intersections.
	9. Write down any two advantages of closing side streets.
	10. Give any four techniques in travel demand management.
	PART B — (5 × 16 = 80 marks)
4	11. (a) Explain rolling and air resistance.
	Or
	(b) Explain the factors affecting load user characteristics.
	V 1000 and 2 and 20
* * *	
*.	
·	

