			CiviL-	IV sen 2011
1	n F	Roll No. :		Total Printed Pages: 3
6		4	4E2035	to it is a
		3. Tech. (Sem. IV) (Ma Civil Engg. ICE4 Surveying-I	stud myanan	ination, June/July - 2011
Tim	ie : 3	Hours] + ## + + + + + + + + + + + + + + + + +	วดจอกรับเกรื่อย . ๆ ย	[Min. Passing Marks : 2
un be Use	tit. Ashow: Uni	II questions carry eq n wherever necessary assumed	qual marks. So Any data you and stated cla Calculated mu	ust be stated clearly.
, 1		Nil		2. <u>Nil</u>
			UNIT – I	n de de la companya de la companya La companya de la co
1	(a)	What is surveying engineering.	g ? Explain	its importance in Civi
	(b)	methods of surveying	ng is based? E	es upon which the various Explain how will you fix a o points 'B' and 'C' already
2	(a)	Describe different ty Discuss the advanta		mmonly used in surveying
	(b)	Discuss various sor Discuss various tap		s in tape measurements
			UNIT - II	

3 (a) What do you mean by meridian? Differentiate between True and Magnetic meridian.

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[Contd...

8	(c)	What are the sources of errors in levelling? What precautions are necessary to avoid them?		
	(b)	The following readings were taken with a level and 4 m staff. Draw up a level book page and reduce the level by the height of instrument method:  0.683 BM [51.362 m], 1.109, 1.838, 3.399, (3.877 and 0.451) CP, 1.405, 1.896, 2.676, 3.478, (3.999 and 1.834)CP, 0.649, 1.706.		
UNIT - V				
9	(a)	Explain the principle of plane tabling.		
	(b)	What is resection? Describe any two methods of resection.  10		

10 (a)

What do you understand by contour interval and on what factor does it depend? Draw neat sketches of (i) valley (ii) pond. 6

Discuss characteristics of contour with suitable sketches. (b) Differentiate between direct and indirect methods of contouring. Discuss uses of contour.