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DQ	A PARTY OF THE PAR	2	PO	PQ		PQ	PQ	
	Code JA	No: 133BU WAĤARL	AL NEHRU TE	CHNOLOGICA Examinations	L UNIVERSIT	R1 Y HYDERABA	<u> </u>	5
PQ		3 Hours	PQ.	SURVEYING Common to CE, on two parts A an		Max. Marks	s: 75	
	Note:	Part A is o	compulsory which	h carries 25 mark	s. Answer all quone full question	estions in Part A. n from each uniquestions.	t.	£10040000041,
	arradira,			PARTA		(25 Ma		-
2 Stead of the	1.a) b) c)	What do y	the advantages or	fications of surve f observing back following terms? uble meridian dis	bearing in a clos	[2]) 	
	d) e) f) g) h)	What are What are What are What is n Mention a	the conditions to advantages of tra the advantages o leant by Shift of advantages of usi	ng Total station.	closed theodolite ngulation? urveying over otl	[3] traverse? [2] [3] her methods? [2] [3] [2]	PQ	
	j)	Explain b	riefly the workin	g principle of GP		[3 (50 M	PQ arks)	
	2.a) b) 3.a) b)	compass. Describe intervisib	how you would le. rveying. What ar Magnetic decl	range a survey l	ine between two	plain them briefly	re not (+4]	lastron have a
	4.	determine	e it?	of zero circle" OR s of contours. Give	,	100011400, 1001140,	d you 0]	i tambén de la constitución de l
HU	5.a) b)	Apiscuss t Explain t	he method of cor	nputation of volu	me by Prismoid	al formula [5	5+5] \\	***************************************
	6.a) b)	Explain t What are	he temporary adj various checks t	ustments of a tra o be performed o OR	nsit. n closed and ope	en traverse? [5	5+5]	
			PQ	PQ		PQ	PQ	general weeks

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PQ	7. Form the elevation of the chimney from the following data Instrument Reading Angle of Remarks Station on B.(m) elevation O.862 18036 R.L of B.M. Distance AB=50m Stations A and B and the top of chimney are in the same vertical plane. [10]	
	8.a) What do you understand by tacheometery? Discuss the errors in stadia surveying. b) List the various methods of setting out a simple circular curve. OR Two straights Ac and BC meet at an inaccessible point C. They are to be connected by a simple curve of radius 12 chains. Two points P and Q are selected on AC and BC respectively and the following measurements are made, Angle APQ=160°; Angle BQP=164°; PQ=86m.	And the second s
	Chainage of P=71.546 chains. Determine: a) The deflection angle of the curve b) Tangent length c) Length of the curve d) Chainage of the end points of the curve Take 1 chain=20m. [10]	The state of the s
	10.a) Describe the salient features of a total station and explain how angles are measured using it. How ambiguity of the distance measured is removed in an EDM instrument. [5+5] Write a short note on the errors in EDM. Suggest possible users of a GPS and how it might benefit them. [5+5]	- Andrews
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