	1	TACI	A0133 1		4.	\		•
	P(PQ	PQ	PQ	PQ		
PQ	Time: 3 H Note: Thi Par	HARLA Fech II ours is questi t A is co	on paper contain ompulsory which is ists of 5 Unit	SURVEYING Common to CE, ans two parts A arch carries 25 marks. Answer any	AL UNIVERSIT , November/Dec G CEE) ad B. as. Answer all que one full question	ember - 2018 Max. Marks estions in Part A. from each unit	D C	
	1.a) Wh b) Wh c) Wh	nat are that are that	ne primary clasine advantages of the income and the income and the income and the income and income	fications of surve f observing back following terms?	bearing in a close	(25 Ma) [2] ed traverse? [3]		- Total
	d) Wh e) Wh f) Wh g) Wh h) Wh i) Me	nat are the are are are the are are are are are are are are are ar	me methods of done conditions to dvantages of transactions to dvantages of ant by Shift of dvantages of usi	etermination of a be satisfied in a versing over tria f Tacheometric s a curve? ng Total station.	rea from plan? closed theodolite ngulation? urveying over oth	[2] traverse? [2] [3] her methods? [2] [3]		
PQ				g principle of GI PART B e difference betw	veen prismatic co	(50 Management of the surve	PQ arks)	The second secon
	b) Definite 3.a) Definite b) Wh	ervisible	veying. What an Magnetic decl	OR The the principles	of surveying? Expanse different ty	plain them briefly	, D()	
PQ	det 5.a) Dis b) Ex	ermine scuss the	it? e characteristics e method of cor	OR s of contours. Given mputation of volu	of a planimete ve suitable sketch ume by Prismoida	es. D	oj 	
	6.a) Exp	plain th nat are v	e temporary adj various checks t	ustments of a tra o be performed o	nsit. on closed and ope	en traverse? [5	i+5]	
PQ	P	2	PQ	PO		PQ	PQ	The state of the s

PQ	PQPQPQPQPQPQ	
PQ	7. Form the elevation of the chimney from the following data Instrument Reading Angle of Remarks Station on B.(m) elevation O.862 1.222 10°12′ R.L of B.M. Distance AB=50m Stations A and B and the top of chimney are in the same vertical plane. [10]	
PQ	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.	Daniel Carlot Print Print
PQ	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]	***************************************
Description of the second of t	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] OR 11.a) Write a short note on the errors in EDM. [5+5]	Grand and Community of the Community of
PQ	b) Suggest possible users of a GPS and how it might benefit them. [5+5]	
PQ	PQ PQ PQ PQ PQ	Secret 20 Andrews
PQ	PQ PQ PQ PQ PQ	a de la companya de l

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