	leg. No:							
	SIDDHAR	TH INSTITUT		NEERING & T	ECHNOL	OGY:: Pl	JTTUF	\$
	D Teeh II		· · · · · · · · · · · · · · · · · · ·	DNOMOUS)	nationa D		- 2024	
	B. Iech II	rear i Semes		nentary Exami	nations D	ecempe	r-2021	
				VEYING				
	2.1		(Civil I	Engineering)		1.01		
1	ime: 3 hours					Ν	/lax. M	arks: 6
		(Answ	ver all Five U	$nits 5 \ge 12 = 60$	Marks)			
			L	NIT-I				
	a Briefly explai	n the principles	of surveying				L1	6N
	b Write short ne	otes on types of	errors.				L2	6N
				OR				
	Explain two-poi	nt problem and t	î î	oblem with sketc	ches.		L1	12N
			and the second se	NIT-II				
		ndirect methods	s of locating	a contour? Wr	ite about a	any two	L2	12N
	methods.			OD				
	a Define contor	ur Stata the veri	ous character	OR ristics of contour	lines		L2	
		uses of contour			imes.		L2 L2	6N 6N
	D Wiention the		and the second se	NIT-III				UIV.
	Write about nort	a of the Trensit "	Theodelite I	analain in datail			τ 1	133
	Write about part	s of the Transit	Theodolite. E	•			L1	12N
				ÔR	staff held v	ertical		
	The following re	adings were tak	en by a tache	ÔR cometer with the s			L1 L2	
	The following re The tacheometer	adings were tak is fitted with A	en by a tache nalytic lens a	ÔR	ng constant			
	The following re The tacheometer	adings were tak is fitted with A zontal distance	en by a tache nalytic lens a from A to B	OR cometer with the s and the multiplyir	ng constant			
	The following re The tacheometer Find out the hori	adings were tak is fitted with A zontal distance	en by a tache nalytic lens a from A to B	OR cometer with the s and the multiplyir and the R.L of B.	ng constant			
	The following re The tacheometer Find out the hori	adings were tak is fitted with A zontal distance	en by a tache nalytic lens a from A to B Vertical	OR cometer with the s and the multiplyir and the R.L of B. Staff	ng constant			
	The following re The tacheometer Find out the hori Inst.station	adings were tak is fitted with A zontal distance Staff station	en by a tache nalytic lens a from A to B Vertical angle	OR cometer with the s and the multiplyir and the R.L of B. Staff readings	ng constant remarks	is 100.		
	The following re The tacheometer Find out the hori Inst.station	adings were tak is fitted with A zontal distance Staff station	en by a tache nalytic lens a from A to B Vertical angle	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982,	remarks R.L OF	is 100.		
	The following re The tacheometer Find out the hori Inst.station	adings were tak is fitted with A zontal distance Staff station BM	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00'	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982, 1.105, 1.188	remarks R.L OF	is 100.		
	The following re The tacheometer Find out the hori Inst.station	adings were tak is fitted with A zontal distance Staff station BM	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00'	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982,	remarks R.L OF	is 100.		
	The following re The tacheometer Find out the hori Inst.station	adings were tak is fitted with A zontal distance Staff station BM B	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00'	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982, 1.105, 1.188	remarks R.L OF B.M =97	is 100.		12N
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	The following re The tacheometer Find out the hori Inst.station A Explain various	adings were tak is fitted with A zontal distance Staff station BM B elements of a sin	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00' U mple curve w	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982, 1.105, 1.188 NIT-IV	remarks R.L OF B.M =97	is 100.	L2	12N 12N
	The following re The tacheometer Find out the hori Inst.station A Explain various Two tangents Al	adings were tak is fitted with A zontal distance Staff station BM B elements of a sin 3 and BC interse	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00' UI mple curve w ect at a point	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982, 1.105, 1.188 NIT-IV vith a neat sketch. OR	ng constant remarks R.L OF B.M =97	is 100. 6.0 culate all	L2 L2	12N 12N
	The following re The tacheometer Find out the hori Inst.station A Explain various Two tangents Al	adings were tak is fitted with A zontal distance Staff station BM B elements of a sin B and BC interse ta for setting out	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00' U mple curve w ect at a point t a circular cu	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982, 1.105, 1.188 NIT-IV vith a neat sketch. OR B at chainage 15 urve of radius 100	ng constant remarks R.L OF B.M =97	is 100. 6.0 culate all	L2 L2	12N 12N 12N 12N
	The following re The tacheometer Find out the hori Inst.station A Explain various Two tangents Al the necessary da	adings were tak is fitted with A zontal distance Staff station BM B elements of a sin B and BC interse ta for setting out	en by a tache nalytic lens a from A to B Vertical angle -6°00' 8°00' UI mple curve w ect at a point t a circular cu m the long cl	OR cometer with the s and the multiplyir and the R.L of B. Staff readings 1.100,1.153, 2.060 0.982, 1.105, 1.188 NIT-IV vith a neat sketch. OR B at chainage 15 urve of radius 100	ng constant remarks R.L OF B.M =97	is 100. 6.0 culate all	L2 L2	12N 12N
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