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Reg. No. :									
			Questio	n Pa	per	Coc	de: 52	761	
			B.E./B.Tech. DEC	REE I	EXAMI	NAT	IONS, AP	RIL/MAY 2019.	
				F	ourth S	emes	ster		
				Ci	vil Eng	inee	ring		
			C	E 6404	-SU	RVE	YING – II		
				(R	egulati	on 20	013)		
	(Cor	nmor		Survey	ring – I	I for	B.E. (Part	-Time) Second Semester –	
,	rimo	· The	ree hours	Engine	ering –	Keg	ulations 2	Maximum: 100 marks	
	ime	. 1111	ree nours	Anon	row AT I		otions.	Waximum . 100 marks	
					ver ALI				
						× 2 =	20 marks		
	L.		it is meant by phas	e of sig	mal?				
	2.		at is a base net?			Fai			
	3.		it is parallax? How				ed?		
	1.		at is the principle of						
	5.		it do you mean by t			terat	ion?		
	6.		lain the Term Trav						
	7.		out the various seg		in GPS	5?			
	8.		at is called anti spo						
	9.		out the aims of rou		1000	J:			
	10.	wna	at are the methods						
					-		65 marks		
	11.	(a)	from a eccentric the following dire	ctions	were ol	oserv	ed:	ain triangulation station A,	
1				A	0°	0,	0"		
				В	132°		30"		
				C		24'	6"		
				AC and				o be 3265.5 m, 4022.2 m and ns of AB, AC and AD. (13)	
			5050.4 III respects	very. I.)r	ie directio	us of Ab, Ac and Ab. (15)	1
		(b)	Write a note on	ho Twi			figures or	d its trace Enumerate the	
		(b) Write a note on the Triangulation figures and its types. Enumerate various criteria for the selection of the figures.							
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		*							

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12.	(a)	Describe	the laws of accid	lental errors.		(13)	
				Or			
	(b)	The follo	D with the				
		Triangle	Central	L.H. Angle	R.H. Angle		
			Angle				
		AEB	59° 03' 10"	61° 00' 54"	59° 56' 06"		
		BEC	118° 23′50"	32° 03′ 54″ .	29° 32' 06"		
		CED	60° 32' 05"	56° 28' 01"	62° 59′ 49″		
		DEA	122° 00′ 55″	28° 42 00"	29° 17 00"	(13)	
		Adjust th	e quadrilaterals				
13.	(a)		ef a comparison tem.	between microway	ve system and elec-	tro optical (9)	
		(ii) Wh	at are the impor otal station instr	rtant precautionary rument?	measures and ma	intenance (4)	
				Or			
	(b)	Explain sources o	in detail about t f error in infrare	the measuring print d and laser total st	nciple working prination instruments.	nciple and (13)	
14.	(a)	Explain t	he different segr	ment of GPS. '		(13)	
				Or			
	(b)	(i) Dis	cuss the hand he	ld receiver and geo	detic receiver of GF	PS. (7)	
	(ii) Explain the task of control segment in GPS.						
15.	(a)	What is a out a com	compound curve pound curve.	e? Explain the step	by step procedure	for setting	
				Or			
	(b)	CA, 2000 establish B, and C,	l sides of the tri) m. Outside th ed and its positi	iangle ABC are A is triangle (and no on is to be found b and BPC being res	hydrographical su B, 1000 m; BC, 130 earer to AC), a str y three point resec spectively 40° 30' an	00 m: and ation P is tion on A,	
			PART C -	$-(1 \times 15 = 15 \text{ mark})$	(s)		
16.	(a)	Discuss t	he various steps	in triangulation Su	urvey.	(15)	
	1			Or			
	(b)	Briefly ex	xplain the applica	ation of remote sen	sing.	(15)	
				2			
				4		52761	
						2	