		CI.	TADAT	r TE		CAL UNIVERSITY
						CAL UNIVERSITY FION – SUMMER 2017
211	hiec		X20601	SIEK-II -	CARVIINA	Date:30/05/20
	•			VCFD SI	JRVEYING	
	•		M to 01:			Total Marks:
	tructi		WI to UI.	00 I WI		Total Walks.
ı			ot any five	questions.		
					vherever neces	ssary.
		_	_	ht indicate		
	(a)					survey. Differentiate between Fixed
	(I-)	hair method and movable hair method				
	(b)	Derive the distance and elevation formulae for inclined sight with staff has vertical				
	(a)	Determi	_			B from the following observations
	(a)	Determi made w	ith a tach	eometer fit	tted with an	analectic lens. The constant of the
	(a)	Determi made w instrume	ith a tach ent was 10	eometer fit 0 and the st	tted with an aff was held v	analectic lens. The constant of the vertically:
	(a)	Determi made winstrume Inst.	rith a tach ent was 10 Staff	eometer fit	tted with an aff was held vertical	analectic lens. The constant of the
	(a)	Determi made w instrume	ent was 10 Staff point	eometer fit 0 and the st Bearing	tted with an aff was held vertical angle	analectic lens. The constant of the vertically: Staff readings
	(a)	Determi made w instrume Inst. Stn.	rith a tach ent was 10 Staff	eometer fit 0 and the st	tted with an aff was held vertical	analectic lens. The constant of the vertically:
	(a) (b)	Determi made w instrume Inst. Stn.	sith a tach ent was 10 Staff point A B	eometer fit 0 and the st Bearing 134 224	tted with an aff was held vertical angle	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750
	(b)	Determinate winstrume Inst. Stn. P Explain	sith a tachent was 100 Staff point A B with sketce	eometer fit 0 and the st Bearing 134 224 h principle	vertical angle 9° 40° of substance in	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750
	(b) (a)	Determinate winstrume Inst. Stn. P Explain Describe	orith a tachent was 100 Staff point A B with sketce elements	Bearing 134 224 h principle of simple of	vertical angle 9° 40° of substance recurve.	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750 method
	(b)	Determinate winstrume Inst. Stn. P Explain Describe	orith a tachent was 100 Staff point A B with sketce elements	Bearing 134 224 h principle of simple of	vertical angle 9° 40° of substance recurve.	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750
	(b) (a)	Determinate winstrume Inst. Stn. P Explain Describe Explain	Staff point A B with sketce elements the setting	Bearing 134 224 h principle of simple of simp	vertical angle 9° 40° of substance of surve.	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750 method
	(b) (a) (b)	Determinate winstrume Inst. Stn. P Explain Describe Explain	Staff point A B with sketce elements the setting	Bearing 134 224 h principle of simple of simp	vertical angle 9° 40° of substance of surve.	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750 method offsets from long chord.
	(b) (a) (b)	Determinate winstrume Inst. Stn. P Explain Describe Explain Explain Two points	Staff point A B with sketce elements the setting relief disaph. ints A and	Bearing 134 224 h principle of simple of out of simple of placement. B having 6	vertical angle 9° 40' 6° of substance recurve. ple curve by or Derive relief	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750 method offsets from long chord. displacement equation on vertical 500 m and 300 m respectively above
	(b) (a) (b) (a)	Determinate winstrume Inst. Stn. P Explain Describe Explain Explain Two poid datum a	Staff point A B with sketce elements the setting relief disappear on	Bearing 134 224 h principle of simple of out of simple of the vertical	vertical angle 9° 40° 6° of substance recurve. Derive relief elevations of 5° 1 photograph	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750 method offsets from long chord. displacement equation on vertical above having focal length of 20 cm and
	(b) (a) (b) (a)	Determinate winstrume Inst. Stn. P Explain Describe Explain Explain Two poid datum afflying a	staff point A B with sketce elements the setting relief dispaph. ints A and appear on lititude of	Bearing 134 224 h principle of simple of simple of simple of simple cout of simp	vertical angle 9° 40° 6° of substance recurve. Derive relief elevations of 5° 1 photograph	analectic lens. The constant of the vertically: Staff readings 0.755 1.040 1.325 1.235 1.490 1.750 method offsets from long chord. displacement equation on vertical soon and 300 m respectively above having focal length of 20 cm and Their corrected coordinates are as

b -1.72 +3.55

Q.5 (a) Explain about uses and functions of total station.

(b) Explain sidereal time and standard time in brief.

+2.51

a

). Explain following methods of locating soundings: (1) Dy areas none (2) Dy . 07

+1.31

Q.6 (a) Explain following methods of locating soundings: (1) By cross rope, (2) By range and one angle from the boat

(b) Explain mechanical method of the three point problem for plotting of soundings 07

Q.7 (a) Explain segments and satellite constellation of Global positioning system.
(b) Define GIS. Write names of popular GIS softwares/programs. Explain
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Define GIS. Write names of popular GIS softwares/programs. Explain components of GIS.

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