5513686966

Q.P. Code: 537502

		(3 Но	urs)		[Total Marks :	80
N.B. :	 Question No. 1 is Attempt any three Attempt sub-quest Figures to the right 	compulsory. from the remaintions in order. at indicate full r	ning five quest	ions.		06.016
	(1) Question No. 1 is (2) Attempt any three (3) Attempt sub-quest (4) Figures to the right (4) Explain fly levellin (5) Direct vernier, Ret (6) How will you mea (7) Area of Zero circle (8) Explain how you would (9) The following bearing (10) Line AB (11) FB 80° 45'	ng with its suita rograde vernies sure deflection n Prismatic & s	ability. r - Explain. angle of a sur surveyor's com	rvey line usin pass.	ng theodolite	3 0°
	BB 260°00' Make corrections for	311°35'	60°15'	1,0010,		4 10
(c)	true fore bearing. At the end of survey of the area of the plan found to be 125cm ² . If of the field. Assume the work.	drawn with the the scale of the hat the chain w	e measuremen plan is 1cm = As exact 30m	ts taken wit 10m, what i of the comm	h its chain is s the true area	6 Owne
3. (a)	The following are the Line Length (m) Bearing	lengths and be AB 124 320	aring in a trav BC 168 168°	erse ABCD CD 97 44°	Nestron	10
(b) (c)	How is the closing err How will you uselline	or of the travel	ield. Draw a n	aphically. neat sketch.	TURN OVER	6 4
FW-	Con. 12048-16.				621.	96617
AND 18025	mmitte er erwen und de de staat jewaal de dar de kalande de kalande de kalande de staat de de de de de de de s Beste er erwen und de	waters with the control of the world the control and an annual west date, with the	e for extraordinal significancy and support and suppor	e spyg skyl skied kindy kynesyd mekennikalante ssat	ntimental and finest transfer and desired and an activative reason activative reason activates and activates reason activates and activates an	68 69 B

			<i>'</i> 0.
4.	(a)	It was required to ascetain the elevation of two points P & Q and line of	10 13 Mills
		levels was runs from P to Q. The levelling was then continued to a bench	,6
		mark of 83.500 the reading obtained being as shown as below. Obtain RL of	0
		P & Q.	06,1
		BS IS FS RL Remarks	3
		1.622 P	03
		1.874 0.354	~
		2.032 1.780	ling
		2.362 Q Q	Dead 1
		0.984 1.122	100
		1.900 2.824 BM	
	(b)	Explain interpolation of contours. What are the methods available? Explain	6
		any one method in detail.	
	(c)	Discuss the importance of reconnaissance in surveying.	4
5.	(a)	Explain Radiation and Intersection method of plane table survey with neat	8
		sketch.	
	(b)	Describe temporary adjustment of theodolite.	6
	(c)	Explain briefly the instruments used in setting out perpendicular offsets in	6
		chian surveying.	
6.	(a)	The following notes refer to the reciprocal levels with one level.	8
		Insturment Staff Reading m Remark	
		at A B Distance between	
		A $1.150 \ \text{C} \ 2.540$ A and B = 1250m	. (
		B 0.965 2.410 and RL of $A = 650.50$ m	•
		Find (i) True RL of B	
		(ii) Combined correction for curvature & refraction	
	(b)	Obstacles in chaining,	7
	(c)	Balancing fore sight and backsight	5
		, P	
		兴	

FW-Con. 12048-16

Course: SE (all Branches)

QP Code 537502 (2nd query)

Correction

QNo. 2a. Make corrections for local attraction and declination of 1ded 30 minutes EAST

Date and Time 03/06/2016 04:55PM

Course: SE (all Branches)

QP Code 537502

Correction

Q NO.1. Attempt any FOUR instead of FIVE

Q No,3a. Find length and bearing of DA.

Date and Time 03/06/2016 04:48 PM