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Seat No:	Enrollment No:

## PARUL UNIVERSITY FACULTY OF ARCHITECTURE

## **B.Arch. Winter 2017-18 Examination**

Subject Code: 01101304 Time: 2:0		Date: 06/12/2017 Time: 2:00pm to 04:00pm Total Marks: 50	
2. Fig 3. Ma	l que gures ake si	ons: stions are compulsory. to the right indicate full marks. uitable assumptions whenever required. uitable sketches whenever required.	
Q.1	slc 0.8	the following reading was taken with dumpy level and 4m leveling staff, oping ground at common interval of 30m. 355,1.545,2.335,3.115,3.825,0.455,1.380,2.055,2.855,3.455,0.585,1.015 are R.L. was 380.500. kindly show check for rise and fall method.	
Q.2		swer the following: (Attempt any five)	(20)
<b>~·-</b>	1.	Explain with neat sketch instruments use in chain surveying	(=0)
	2.	Convert the given angles from Quadrantal Bearing to Whole Circle Book 1. S 34° E  2. N 56° W  3. S 63° W  4. S 45° W  5. N 65° E	earing:
	3.	Explain objective of surveying, purpose of surveying and uses of surv	eying.
	<ul><li>4.</li><li>5.</li><li>6.</li></ul>	Fill in the blanks (any four out of five)  1) If the graphical presentation is carried out in small scale is called	pol. error of 3cm . Find
Q.3		ef out the following terminologies: (Attempt any five out of six)	(10)
<b>C</b> -2		1 Bearing of line 2.Bench Mark 3.Base line 4. true meridian 5. magnetic meridian 6.Whole circle Bearing	(10)
Q.4		nswer the following:(Attempt any two)	(10)
<b>V.</b> 7	1. 2.	Explain the precaution against errors and mistakes in chain surveying.  What is scale? Explain method of representing scales.	

**3.** Explain the role of surveying in architecture field.