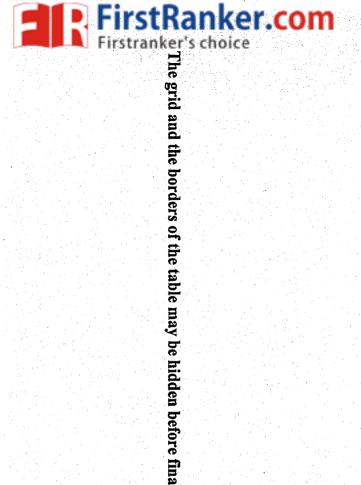
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6. In case, to get a well-proportioned or well-shaped triangle, no angle should be less than	5. The magnetic bearing of a line AB is S 28°30′ E. Calculate the true bearing if the declination is 7°30′ West. a) N 36°00′ W b) S 21°00′ E c) S 36°00′ E d) N 21°00′ W	ements varies with an individual before	 2. Convenient direction towards permanent and prominent mark or signal is	· of	the Students: your answers with neat sketches, diagrams etc. where ever necessary. y data is given in the respective questions. If such data is not given, ge of that data is a part of the examination. part or parameter is noticed to be missing, you may appropriately assume it	Course: B. Tech in Civil Engineering Sem: I Subject Name: Surveying I Max Marks: 20 Date:- ot/10/2019 Duration:- 1 Hr.
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	*** End ***		30'0', find the FBs of the other sides.	anticlockwise order, in the form of a regular pentagon. If the FB of AB is	A closed traverse is conducted with five stations A, B, C, D and E taken in	EA 330°15' 147°45'	DE 242°45' 62°45'	CD 2215' 20030'	BC 3930' 22230'	AB 191'45' 13'0'	Line FB BB	compass in a place where local attraction was suspected.	The following are the observed bearings of a closed traverse ABCDEA with a	Solve Any One of the following.	Differentiate between Surveyor's compass and Prismatic compass.	Explain the working principle adopted in Plane Table Surveying.	Write a short note on Optical Square with labeled sketch.	Solve Any Two of the following.	
					C2/C03								C3/CO3		C2/CO2	C1/C01	C2/CO2		
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