

School of University Polytechnic

Diploma in Civil Engineering Semester End Examination - Jun 2024

Duration: 180 Minutes Max Marks: 100

Sem IV - N1DB401C - N1DB405C - Surveying II

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

1)	What is the use of plumb bob?	K1(2)
2)	Explain the process of Centering for a theodolite	K2(4)
3)	Describe the different charecteristics of contour Map.	K2(6)
4)	Illustrate the orientaion by back sighting.	K3(9)
5)	Illustrate the process of setting theodolite in the ground.	K3(9)
6)	Estimate the height of building for given data:	K5(10)
	Angle measured-25 degree 30 minute	
	Horizontal distance-30 m	
	Height of theodolite-1.2 mse Enter the Question Text Here.	
7)	Analyze the importance of transition curve with diagram	K4(12)
8)	Examine The different uses of theodolite.	K5(15)
9)	Evaluate the height of a building if the vertical angle measured via	K5(15)
	theodolite is 20 degree 30 minute and the horizontal distance	
	between theodolite and building is 25 meter. Height of theodolite is	
	1.2 meter.	
10)	Discuss the process of vertical angle measurement with theodolite.	K6(18)