

Class test

Student ID: _____ Program: B.Sc. in Civil Engineering Semester: Spring 2023

Course Code: CE 103 Course Title: Surveying Section: BN1 Date: 26/2/23

Class test No.: 02

Q1. Calculate internal angles of the following closed traverse ABCDE from the following data. **[15]**

Line	Forward bearing (F.F.)
AB	70 ⁰
BC	100 ⁰
CD	200 ⁰
DE	310 ⁰
EA	30 ⁰