

CEU403

CT2

Summer 2017 17.3.2017

Q.1 Explain the adjustment of traverse by Bowditch's rule. (3M)

OR

Q.1 Explain reconnaissance survey. (3M)

Q.2 What are the advantages and disadvantages of plane table survey? (3M)

Q.3 Explain different methods of plane table survey and methods of orientation in plane table survey. (3M)

OR

Q.3 Explain Resection with any one method with illustration. (3M)

Q.4 Data from a differential leveling have been found in the order of B.S., F.S.....AND no any IS etc.with chainages @10m starting with the initial reading on B.M. (elevation 150.485 m) are as follows : 1.205, 1.860, 0.125, 1.915, 0.395, 2.615, 0.880, 1.760, 1.960, 0.920, 2.595, 0.915, 2.255, 0.515, 2.305, 1.170. The final reading closes on B.M. Put the data in a complete field note form and carry out reduction of level by Rise and Fall method. Perform check. All units are in meters. (6M)

OR

Q.4 What is Height of instrument method? Apply H.I. method on the following readings (with chainages @10m) 1.002, 1.342, 1.112, 1.119, 1.334, 1.222, 1.111, 1.333, 1.254, 1.540, 1.667, 1.343, 1.323, 1.219, 1.255. Where the instrument is shifted on 8th and 12th readings with work starting on BM 555m. (6M)