SRI LANKA SURVEY DEPARTMENT

Promotion Examination from Class II "B" to Class II "A" of Sri Lanka Technological Service Officers -2015

(For Photogrammetric Technological Officers)

Photogrammetric Work - Practical

2015.07.13 (28)

Time: Three (06) hours 0900 – 1200 hours

Answer all Questions. 1300 – 1600 hours

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1. Make arrangements to carry out model orientation of given stereo pair and get a record of orientation parameters of particular model.

   Following data are given,

   (i).Focal lengths of cameras used. (152.90mm/152.14mm)

   (ii). Coordinates of the Groober points (Marks 25)

2. Extract planimetry as well as altimetry (according to create Digital Elevation Model) data in one sq. km area with the help of Microstation software. Data collection should be according to the data dictionary, symbol library & codes which are used for 1: 10000 mapping in Northern Region. (Marks 50)

3. Prepare the data to suit for Geo database and convert to DXF/DWG format (Marks 20)

4. Archive data on your own directory as well as CD (Marks 05)