

P.G. Semester-II Examination, 2023**GEO-INFORMATICS**

Course ID : 23165

Course Code : GI205(P)

Course Title : Digital Photogrammetry (Practical)

Time : 4 Hours

Full Marks : 40

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***Answer all the questions.****UNIT-1****(Digital Stereo Model)**

1. Describe the data which are required for DSM and prepare a DSM from the given data. 10
(Data will be provided by Examination Centre)

UNIT-2**(Photogrammetric Applications)**

2. Prepare a contour map from the given Digital Elevation Model (DEM) with a suitable contour interval. Prepare a 3D elevation model from the same DEM data to show the spatial variation of elevation. 5+5=10

(Applications of UAV (Drone) in Digital Photogrammetry)

3. How do you integrate Google Earth (GE), and ArcMap for preparing DEM? Show the 3D view of DEM in ArcScene. 5+5=10
4. Viva voce and Notebook. 5+5=10
