

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

Course ID : 23164

Course Code : GI204(P)

Course Title : Digital Image Processing (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****(Pre-processing and Enhancement)**

1. Georeference the given map. 10
(Map will be provided by the Examination Centre)

UNIT-2**(Image Transformation)**

2. Compute NDVI and SAVI from the given satellite image. 5+5=10
(Image will be provided by Examination Centre)

UNIT-3**(Image Classification)**

3. Prepare a classified map from the given satellite image through supervised classification and calculate accuracy assessment. 8+2=10
4. Viva voce and Notebook. 5+5=10
