

PG CBCS
M.A. & M.SC. Semester-III Examination, 2021
(GEOGRAPHY)
PAPER: GEO 395
(GIS APPLICATION IN RESEARCH)

Full Marks: 50**Time: 4 Hours**

The figures in the right-hand margin indicate full marks.

Attempt all the following questions.

WRITE THE ANSWER FOR EACH UNIT IN SEPARATE SHEET

UNIT - A

(GEO 395.1: APPLICATIONS OF REMOTE SENSING & GIS)

Full Marks: 25

1. Differentiate raster and vector data structure. Mention the steps required for georeferencing a map. 5+5
2. What is FCC? Write steps required for Supervised Image Classification. 5+5
3. Write steps required for Unsupervised Image Classification. 5

UNIT - B

(GEO 395.2: RESEARCH METHODOLOGY)

Full Marks: 25

1. Make a conceptual flowchart of research methodology on the basis of following topics. (**Any One**) 10
 - a) Municipal Solid Waste Management
 - b) Mining and Environment
 - c) Impact of Sea Water Intrusion
2. Prepare a set of questionnaire on **any one** of the following topics (at least 10 questions to be set). 10
 - a) Climate Change and Agriculture
 - b) Access to Urban Amenities
 - c) COVID-19 Impact on School Education
3. Write a short note on the following topics. 2+2+1
 - a) Action research
 - b) Hypothesis
 - c) Abstract
