

KANYASHREE UNIVERSITY

M.A. / M.Sc. 1st Semester Examination-2023

Subject: GEOGRAPHY

Course- CC 106

GEOSPATIAL ANALYSIS

Full Marks-50

Time-4.00 Hours

Group A

[Answer **all** of the following]

5×4=20

1. State the advantages and disadvantages if using topographical map in geographical studies.
2. Briefly discuss about the suitable band combinations of Landsat data used in various purpose.
3. Briefly describe the procedures of Land capability classification.
4. What do you mean by Coastal erosion vulnerability Zonation mapping?

Group B

[Answer **all** of the following]

10×2=20

1. Prepare a frequency table and construct an Altimetric Frequency Curve for the watershed indicated on the given topographical map. (6+4)
2. Construct a Hypsometric Curve for the watershed indicated on the given topographical map. Hypsometric Integral and briefly interpret its nature. (6+2+2)

Group C

1. Lab Notebook and Viva-voce. (5+5=10)
