KANYASHREE UNIVERSITY

M.A / M.Sc. 1st Semester Examination-2024
Subject: Geography
Course- CC 106
Geospatial Analysis

Full Marks-50   **Time-04:00 Hours**

GROUP - A
(**Answer all the questions**)   (5×4=20)

1. Make a comparison between aerial photography and satellite imagery in terms of their utility.
2. From the metadata of a satellite image: L3-NF45E07-108-055-17Apr19-BAND2, identify the sensor, toposheet number, acquisition date, path, and row of the image.
3. Explain the factors needed to be considered for creating land capability maps based on the land capability classification of India.
4. What are the crucial factors taken into account for the preparation of flood risk zonation maps of West Bengal?

GROUP – B
(**Answer all the questions**)   (10×2=20)

1. Prepare a frequency table and construct an Altimetric Frequency Curve for the watershed indicated in the given topographical map (SOI).   (6+4)
2. Identify two distinct physical features and two distinct cultural features from the given satellite image.   (5+5)

GROUP – C

3. Laboratory Notebook and Viva-voce.   (5+5=10)

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