

2022

M.Sc.

2nd Semester Examination

REMOTE SENSING AND GIS

PAPER—RSG-297

(Practical)

ADVANCED GEOGRAPHIC INFORMATION SYSTEM

Full Marks : 25

Time : 4 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

1. Differentiate between DTM and DEM. Generate an isopleths map (contour) with the help of given elevation point dataset and create a TIN.

2+8

(Turn Over)

2. Create a road density map of 1 km buffer area from a supplied city point location data and road layer with the help of model builder. 10
 3. Laboratory Note Book and Viva-Voce Examination. 5
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