

M.A. Examination, 2019
Semester-IV
Geography
Course – XX
(Geoinformatics)

Time : Three Hours

Full Marks : 40

Questions are of value as indicated in the margin.
Answer **three** questions selecting **one** from each unit.

Unit-I

(Scope, contents and purposes of Geoinformatics)

1. Explain Geoinformatics. Discuss its contents and scope in Geography. 8+6=14
2. What is digital data? Explain the significance of Spatial and Attribute data in Geoinformatics with suitable examples. 7+7=14

Unit – II

(Geographic Information System)

3. Define Geographic Information System (GIS). Bring out its components and scope in Cartography. 7+6=13
4. Explain the terms 'Raster' and 'Vector'. Discuss the types of GIS models. 5+8=13

Unit – III

(Global Positioning System and Graphics)

5. What is Global Positioning System (GPS)? Identify and discuss its various segments. 5+8=13
 6. Highlight the merits, demerits and use of Global Positioning System (GPS). 5+4+4=13
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