

M.A. Examination, 2018
Semester-IV
Geography
Course : XX
(Geoinformatics)

Time : 3 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 Geo informatics)

1. Bring out the meaning and contents of Geoinformatics. Explain its applications in Geography. 10+4=14
2. What do you understand by the terms Spatial and Attribute data in Geoinformatics with suitable examples. 9+5=14

Unit – II
(Geographic Information System)

3. Explain Geographic Information System (GIS). Highlight the advantages of NGIS and its scope in National development. 6+7=13
4. Explain the terms 'Raster data' and 'Vector data'. Identify and discuss the steps in thematic mapping using GIS. 6+7=13

Unit – III
(Global Positioning System and Graphics)

5. Define GPS. Specify and describe the various segments of GPS. 4+9=13
 6. Explain GPS constellation. Comment on the merits and demerits of the GPS. 6+7=13
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