

**Ph.D. GEOGRAPHY (PHDGG)**

**Term-End Examination**

**June, 2016**

00309

**RGG-005 : REMOTE SENSING AND GIS TECHNIQUE  
IN GEOSPATIAL RESEARCH**

*Time : 2 hours*

*Maximum Marks : 50*

*Note : Answer any five questions. Each question carries equal marks.*

1. Explain the trends of development of Remote Sensing in geographic data acquisition. 10
  
2. Write short notes on any *two* of the following : 2×5=10
  - (a) Geometric Corrections
  - (b) Buffer Analysis
  - (c) Platforms on Remote Sensing
  - (d) Atmospheric Window
  
3. Explain the role of Geospatial Technology in Disaster Management. 10

4. What do you understand by GIS ? Give a detailed account of the historical development of GIS. 10
5. What is Data ? Explain its various sources. 10
6. What is the fundamental difference between Raster and Vector GIS ? 10
7. Write short notes on any *two* of the following :  $2 \times 5 = 10$
- (a) LULC
  - (b) Tsunami
  - (c) Georeferencing
  - (d) Components of GIS
8. What do you understand by GPS ? How can it be used for location based services ? 10
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