HARMATTAN SEMESTER EXAMINATION 2012/2013 SESSION

B.Sc. Degree Examinations

Course Code: GRP 305
Course Title: Geography and Planning Information System
Instruction: Answer any three Questions.

Time Allowed: 2 Hours

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1. Identify and explain the features and functions of the elements of the central processing unit of a micro digital computer that can be used to implement a GIS.

2. Outline and discuss the essential component of a Spatial Decision Support System (SDSS) that can be integrated with a GIS.

3. Discuss the basic functional modules or components that are essential in a full fledge GIS software.

4. Propose a methodology using GIS data analytic techniques for the selection of a suitable site for an oil palm plantation in Ogun state.

5. Discuss the characteristics of the following as sources of spatial data:
   (i)   Global Positioning System (GPS)
   (ii)   Remote sensing

6. Compare and contrast the vector and the raster methods of data representation in GIS.