

SCI 112/13/0219

OLABISI ONABANJO UNIVERSITY, AGO-IWOYE
FACULTY OF SOCIAL AND MANAGEMENT SCIENCES
DEPARTMENT OF GEOGRAPHY AND REGIONAL PLANNING
HARMATTAN SEMESTER EXAMINATION 2014/2015 SESSION

B.SC. DEGREE EXAMINATIONS

COURSE TITLE: GEOGRAPHICAL INFORMATION SYSTEM/TRANSPORT INFORMATION SYSTEM

COURSE CODE: GRP 305/TPM 301

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2)

TIME ALLOWED: 2 HOURS

- 1(a) Explain the meaning of Geographic Information system (GIS)
- 1(b) Give a short historical perspective of GIS
- 1(c) What is Database management Systems (DBMS)?
- 1(d) Identify and Discuss three (3) broad families of DBMS used in handling Geographic Data
2. Outline and discuss five (5) major components of GIS
3. In a tabular form highlight the differences and similarities between GIS and CADD
4. Write short note on each of the following:
- (i) Data Input
 - (ii) Geo-referencing
 - (iii) Data-Storage
 - (iv) Map overlay Analysis
 - (v) Buffering
5. Identify and discuss any Ten (10) hardwares and five (5) GIS softwares that you would recommend for an ideal GIS laboratory