

OLABISI ONABANJO UNIVERSITY, AGO-IWOYE
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF GEOGRAPHY
2017/2018 HARMATTAN SEMESTER EXAMINATION
B.Sc. DEGREE EXAMINATION

COURSE TITLE: GEOGRAPHICAL INFORMATION SYSTEM/TRANSPORT
INFORMATION SYSTEM
COURSE CODE: GRP 305/TLM 301
INSTRUCTION: ANSWER QUESTION 1, 2 AND ANY OTHER ONE
TIME ALLOWED: 2 HOURS

- 1(a) Examine the four (4) general approaches to defining Geographic Information System (GIS) as identified by Cowen (1990).
- 1(b) "The Principle of GIS was first conceived in the 1960s and first system (the Canadian Geo-graphic Information System) was implemented in 1964." Expatiate
- 1(c) Mention Five (5) factors that is hindering the growth of GIS/TIS in Nigeria. (50 marks)
2. Outline and discuss five (5) major components of GIS. (20 marks)
3. Examine the relevance of GIS/TIS to your profession. (20 marks)
4. Write a short note on the following as they relate to the functions of GIS
- (i) Geographic Data
 - (ii) Attribute Data
 - (iii) Data Storage
 - (iv) Network Analysis
 - (v) Buffering
- (5) In a tabular form, highlight ten (10) differences between GIS and CADD. (20 marks)