

SC/16/17/083-2

OLABISI ONABANJO UNIVERSITY, AGO-IWOYE
FACULTY OF SOCIAL SCIENCES'
DEPARTMENT OF GEOGRAPHY
HARMATTAN SEMESTER EXAMINATIONS 2018/2019 SESSION

COURSE CODE: GRP 305

COURSE TITLE: GEOGRAPHIC INFORMATION SYSTEM

INSTRUCTION: ANSWER ANY THREE QUESTIONS

TIME ALLOWED: TWO HOURS

- ✓ 1. (a) What is GIS?
(b) Discuss the components of a GIS
 - ✓ 2. Compare and contrast the vector and the raster methods of data representation in GIS
 3. Outline the procedures to georeference and digitize the local government boundaries of a scanned map of Ogun state.
 - ✱ 4. Discuss the basic functional modules or components that are essential in a full fledge GIS software
 - ✓ 5. (a) Discuss the characteristics of the Global Positioning System (GPS) as a source of spatial data for GIS
(b) Examine the characteristics of the data component of a GIS
 6. Discuss the features and operation of an optical scanner and a digitizer as part of the equipment needed for a GIS outfit.
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