

OLABISI ONABANJO UNIVERSITY, AGO-IWOYE
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF GEOGRAPHY

2018/2019 HARMATTAN SEMESTER EXAMINATION
B.Sc. DEGREE EXAMINATION

COURSE CODE: GRP 403

COURSE TITLE: ADVANCED CARTOGRAPHY AND REMOTE SENSING

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

TIME ALLOWED: 2 HOURS

- 1(a) Explain in full details the meaning of "Cartography and Remote Sensing".
- (b) Justify the relevance of Electromagnetic Spectrum Principles to Remote Sensing Systems.
- (c) Itemise and discuss the major levels of satellite remote sensing systems resolutions (30 marks).
2. Write a short note on each of the following:
 - (i) SPOT satellite Imageries
 - (ii) General features of map
 - (iii) Methods of determining the scale of a map (15 marks)
3. Outline and discuss five (5) major types of maps that are fundamental to the study of the practice of geography (15 marks).
4. Examine the features of Landsat 7 that makes it unique and versatile in the realm of earth observing satellites in orbit (15 marks).
5. What are the characteristics that makes Nigeria sat – 1 a suitable tool for studying and monitoring an event before, during and after its occurrence over a large area (15 marks)