



NATIONAL OPEN UNIVERSITY OF NIGERIA
SCHOOL OF SCIENCE AND TECHNOLOGY
ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT
SECOND SEMESTER EXAMINATIONS
2011/2012 SESSION

COURSE CODE: ESM 392

TIME: 2HRS 30MINS

COURSE TITLE: REMOTE SENSING (2 units)

INSTRUCTION: Attempt any four questions

1. Discuss the sources of energy for remote sensing (25 marks)
2. Mention and discuss two aspects of energy interaction in the atmosphere (25 marks)
3. Highlight and discuss the various ways in which earth surface features interact with incident radiation using appropriate diagram (25 marks)
4. Mention and explain two remote sensing platforms (25 marks)
5. Distinguish between the different imaging systems used in the various aspects of remote sensing (25 marks)
6. Distinguish between the vertical and oblique aerial photograph (25 marks)