



NATIONAL OPEN UNIVERSITY OF NIGERIA

14/16, Ahmadu Bello Way, Victoria Island, Lagos

SCHOOL OF SCIENCE AND TECHNOLOGY
ENVIRONMENTAL SCIENCE AND RESOURCES MANAGEMENT
October 2013, EXAMINATIONS

COURSE CODE: - ESM421

Course Unit: 2

COURSE TITLE: - ELEMENT OF LAND SURVEYING

TIME ALLOWED: - 2HRS

INSTRUCTION: - ANSWER ANY FOUR (4) QUESTIONS

Q1. Critically examine the objectives and relevance of surveying to environmental and resources management. (25 marks)

Q2. Outline the various classifications of survey in relation to the surface and area to be surveyed. (25 marks)

Q3. List five (5) methods and describe the various equipment's used in chain survey. (25 marks)

Q4. Explain the term compass survey and list the major types of compass survey you know. (25 marks)

Q5. In a tabular form differentiate between prismatic and compass bearing. (25 marks)

Q6. Explain plane tabling and describe at least two types of instruments used for plane tabling survey. (25 marks)