



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SEPTEMBER/OCTOBER 2015 EXAMINATION**

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: ESM 421

COURSE TITLE: ELEMENTS OF LAND SURVEYING.

INSTRUCTION- ANSWER ANY FOUR (4) QUESTIONS.

TIME ALLOWED: 2 HOURS.

Q1. Critically examine the objectives and relevance of surveying to environmental and resources management. (17.5 marks)

Q2. Itemize the various classifications of survey in relation to the surface and area to be surveyed. (17.5 marks)

Q3. Identify and briefly discuss five (5) methods and the various equipment used in chain survey. (17.5 marks)

Q4. Explain the term "compass survey" and list the major types of compass survey you know. (17.5 marks)

Q5. In a tabular form differentiate between prismatic and compass bearing. (17.5 marks)

Q6. Explain plane tabling and describe at least two types of instruments used for plane tabling survey. (17.5 marks)