



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION**

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: ESM 421
COURSE TITLE: ELEMENTS OF LAND SURVEYING.

TIME ALLOWED: 2 HOURS.
INSTRUCTION- ANSWER ANY FOUR (4) QUESTIONS.

1. a. Define the term surveying. (5 Marks)
b. List and explain the two types of primary division of surveying? (12.5 Marks)
2. List and explain the classification based on the surface and the area surveyed. (17.5 marks)
3. a. List two classifications on the basis of purpose. (7.5 marks)
b. List and explain the classification based on instrument used. (10 marks)
4. List the characteristics of the three main phases in the process of surveying. (17.5 marks)
5. Define the terms Purpose, suitability and unsuitability of chain survey. (17.5 marks)
6. List and explain sources of errors in chain survey and their correction. (17.5 marks)