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**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- ANS 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)**