



NATIONAL OPEN

UNIVERSITY OF

NIGERIA

14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS

SCHOOL OF SCIENCE AND TECHNOLOGY

JUNE/JULY EXAMINATION

COURSE CODE: ESM341

**COURSE TITLE: Introduction to instrumentation measurements
and field methods in environmental science
(2units)**

TIME ALLOWED: 2HRS 30 MINS

INSTRUCTION: ATTEMPT ANY FOUR QUESTIONS

1. Make an explanation on the classification of laboratory equipment

(7 1/2 marks)

2. Describe remote sensing technique/process from the beginning to the end

(7 1/2 marks)

3. Provide examples of investigations and suitable satellite sensor's needed for remote sensing imageries

(7 1/2 marks)

4. Discuss the protocols and concerns for PH and EC measurements

(7 1/2 marks)

5. Explain the sources of bias and errors in sampling

(7 1/2 marks)

6. Describe 4 meteorological observation instruments and the corresponding variables they measure

(7 1/2 marks)

