

DEPARTMENT OF GEOGRAPHY

SCHOOL OF SCIENCE AND SCIENCE EDUCATION

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

1<sup>st</sup> SEMESTER EXAMINATION, 2011/2012 SESSION

COURSE CODE: 113P

TIME: 3 Hours

COURSE TITLE: INTRODUCTORY WEATHER ANALYSIS AND SURVEYING

INSTRUCTION: ANSWER ANY **FOUR (4) QUESTIONS** OF YOUR CHOICE

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- 1) a) Distinguish between weather and climate.  
b) Enumerate 6(six) elements of weather and climate.
- 2) a) Drawing a sketch description of a standard meteorological station.  
b) Mention five (5) instruments and their uses in the enclosure.
- 3) a) Define Precipitation?  
b) Explain the following types of rainfall in the Tropics:
  - i) Convictional rainfall
  - ii) Orographic rainfall
  - iii) Cyclonic/ Frontal rainfall
- 4) Provide a brief account on any five (5) terms:
  - a) Macro climatology   b) Meso-climatology   c) Micro-climatology
  - d) Sensors   e) Autographic instruments   f) Non-recording instruments
  - g) Regional climatology   h) Synoptic climatology
- 5) a) Define Surveying?  
b) Explain the significance of Surveying in Geography.
- 6) Enumerate and explain any two Surveying types you know.