

DEPARTMENT OF GEOGRAPHY
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
1st 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) Convective 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.