

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF GEOGRAPHY.

FIRST SEMESTER EXAMINATION, 2010/2011 SESSION.

Course Title: Climatology

Course Code: GRY 315

Time Allowed: 2hours

Instruction: Answer any four (4) Questions of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

1. (a) Give a working definition of the concepts of weather and climate.
(b) Differentiate between climatic elements and climatic factors and give three examples of each.
2. Give a vivid explanation of the insolation distribution over the earth surface.
3. Write a comparative Account of Koppen's Am and Af climates.
4. Outline and explain in details the process of rainfall formation.
5. With the aid of a sketch diagram, account for the global distribution of atmospheric pressure.
6. With the aid of good diagrams, explain the main features of the climate of West Africa.