

FEDERAL UNIVERSITY OF TECHNOLOGY
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER EXAMINATIONS 2011/2012 SESSION

Course Code: GRY 315

Course Title: Climatology

Time Allowed: 2 Hours 30 mins

Instructions: Answer any four questions of your choice. All questions carry equal marks. Credit will be given for use of specific examples and appropriate diagrams.

1. (a) Define in your own words the concepts of 'Weather and Climate'

(b) Differentiate between climatic elements and climatic factors. Give three examples of each.
2. Give a detailed explanation of the factors governing the distribution of Insolation on the Earth's surface.
3. Outline and explain the processes involved in the formation of Precipitation
4. Write a comparative account of koppen's Af and Aw Climates.
5. With the aid of a good diagram, account for the global distribution of Atmospheric pressure.
6. With the aid of a good diagram, explain the main features of the Climate of West Africa.