

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF GEOGRAPHY.

FIRST SEMESTER EXAMINATION, 2010/2011 SESSION.

Course Title: Climate Change and Variability.

Course Code: GRY 515

Time Allowed: 2 hours

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

1. Give a conceptual definition of climate change and account for the main causes of global climate change.
2. With the aid of a good diagram, give a thorough explanation of the climate system.
3. Identify and discuss key areas in which climate change impacts on Agriculture.
4. Outline and discuss major indicators of global climate change.
5. Write explanatory notes on any three of the following:
 - (a) Climate change mitigation.
 - (b) Climate change vulnerability
 - (c) Greenhouse effect on climate.
 - (d) The Ocean conveyor belt-like circulation.
 - (e) Climate change adaptation.
6. With Specific examples, advance convincing reasons why issues of climate change dominate International discourse in recent times.

h 9/5/2011
Ext Examiner