

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 515 (3 Units)

COURSE TITLE: Climate Change and Variability

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

TIME ALLOWED: 3 Hours

1. Give a conceptual definition of Climate Change and account for the main causes of Climate Change.
2. With specific examples, give notable evidences of Climate Change in Nigeria.
3. Identify and discuss key areas in which Climate Change impact on water resources.
4. Give a working definition of the following concepts:
 - (i) Climate System
 - (ii) Climate Change Variability
 - (iii) Climate Change Mitigation
 - (iv) Climate Change Vulnerability
5. With specific examples, identify and explain some national and international efforts put in place to address Climate Change issues.
6.
 - (a) What is Climate Change Adaptation?
 - (b) Describe the strategies by which a farmer can adapt to a drought spell condition.