

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF SCIENCE AND SCIENCE EDUCATION

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2013/2014 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY515 (3 units)

COURSE TITLE: Climate Change and Variability

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

TIME ALLOWED: 2 1/2 Hours

1. Using Specific examples, differentiate between Climate Change and Climate Variability and explain the major causes of Global Climate Change.
2. With the aid of a good diagram, describe the Climate system.
3. Outline and discuss the major indicators of Global Climate Change.
4. Identify and discuss key areas in which Climate Change impact on Agricultural activity in Nigeria.
5. Give a detailed explanation of Climate Change Adaptation and describe the strategies a farmer can adopt to a drought spell condition.
6. Write explanatory notes on any three(3) of the following;
 - (a) Climate Change mitigation
 - (b) Climate Change vulnerability
 - (c) Carbon Development mechanism
 - (d) Major Greenhouse Gases