

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2015/2016 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 515

COURSE TITLE: Climate change and variability

INSTRUCTION: Answer any three (3) questions of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

TIME ALLOWED: 2 ½ Hours

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 detailed 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 notes on any three of the following:
 - a. Climate change variability.
 - b. Climate change vulnerability.
 - c. The climate system.
 - d. The Ocean conveyor belt-like circulation.
 - e. Climate change adaptation.

Good luck.