

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF GEOGRAPHY

SECOND SEMESTER 2015/2016 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY528

COURSE TITLE: Global Change and Sustainable Development (3units)

INSTRUCTION: Answer **any three** Questions (Credits will be given for proper usage of relevant illustrations and diagrams)

TIME ALLOWED: 2hrs

1. (a) With specific examples, give a working definition of Global Change.
(b) Explain the major indicators of Global Change.
2. Examine the concept of Sustainable Development and explain strategies for achieving it.
3. Discuss ways by which man impacts the global natural vegetation and suggest mitigation and adaptive measures.
4. Analyse the extent to which man impacts the atmosphere and suggest ways of solving identified problems.
5. Write explanatory notes on any 4 of the following.
 - (i) Global Warming
 - (ii) The Polluter-Pays-Principle
 - (iii) Principle of Intra-generational equity
 - (iv) Atmospheric Pollution Control
 - (v) Ocean Conveyor belt circulation.