

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2015/2016 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 315

COURSE TITLE: CLIMATOLOGY

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

TIME ALLOWED: 2 ½ Hours

1. Write a comparative account of Koppen Am and Af climates.
2. Give a detailed explanation of the processes involved in the formation of precipitation.
3. With the aid of well sketched diagram, account for the global distribution of atmospheric pressure.
4. Account for the factors governing the distribution of temperature on the earth's surface.
5. Write notes on any three (3) of the following:
  - a. The structure of the atmosphere
  - b. Convectional rainfall
  - c. Frictional force controlling wind movement
  - d. The Greek classification of climate

Good Luck