

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2010/2011 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: MET 411

COURSE TITLE: Agricultural Meteorology

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

TIME ALLOWED: 2 Hours

- 1 Discuss the process of soil formation.
- 2 How may climate influence rapid spread of livestock diseases.
- 3 Write explanatory notes on the following in relation to plant growth:
 - (a) Temperature.
 - (b) Moisture.
- 4 Describe any three agro-meteorological factors that may be used to influence crop cultivation in Niger state.
- 5 Discuss how climate influences the distribution of vegetation in West Africa.
- 6 Define agro-climatology and discuss its usefulness.