

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF NATURAL AND APPLIED SCIENCES

DEPARTMENT OF GEOGRAPHY.

FIRST SEMESTER UNDERGRADUATE EXAMINATION (2012/13)

COURSE CODE: MET411 (3 UNITS)

COURSE TITLE: AGRICULTURAL METEOROLOGY.

Instructions: Answer any four questions of your choice, credit will be given for the use of specific examples and appropriate diagrams.

TIME; 3 HOURS

1. Describe the hydrological cycle.
2. Discuss how climate may influence the rapid spread of livestock diseases.
3. Describe any three agro-climatological factors that can be used to influence crop cultivation in Niger State.
4. Describe the influence of climate on the natural distribution of vegetation in West Africa.
5. Define agro-climatology and discuss the scope.
6. Write explanatory notes on any 3 of the following in relation to plant growth:
 - I. Soil.
 - II. Moisture.
 - III. Temperature.
 - IV. Humidity.
 - V. Wind.