

**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**  
**SCHOOL OF SCIENCE AND SCIENCE EDUCATION**  
(Department of Geography)

**FIRST SEMESTER 2011/2012 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. Write explanatory notes on the following in relation to plant growth
  - a) Temperature
  - b) Moisture
2. Discuss the process of soil formation.
3. Discuss how climate may influence rapid spread of livestock diseases.
4. Describe any three agro – meteorological factors that can 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 the scope.