

DEPARTMENT OF GEOGRAPHY
FEDERAL UNIVERSITY OF TECHNOLOGY MINNA
FIRST SEMESTER EXAMINATION 2011/2012 SESSION.

COURSE CODE: MET 517

COURSE TITLE: TROPICAL METEOROLOGY AND CURRENT WEATHER

INSTRUCTION: ANSWER ANY FOUR QUESTIONS, CREDIT WILL BE GIVEN FOR USE OF SPECIFIC EXAMPLES AND APPROPRIATE DIAGRAMS.

TIME ALLOWED: 2½ Hours

1. According to Barry and Chorley (1976) weather system can be classified in many categories. Expatiate
2. Using specific examples, describe "tropical cyclone."
3. Discuss the types of anticyclone in the tropics
4. Tropical agriculture is largely controlled by climatic condition. Elaborate using specific example.
5. Explained any three of the following.
 - i. Jet stream
 - ii. Geotrophic wind
 - iii. The harmattan
 - iv. Doldrum
6. Differentiate between a thunderstorm and a line squall and examine reasons why not all squall line systems last longer than a few hours.