

DEPARTMENT OF GEOGRAPHY
FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
1st SEMESTER EXAMINATION, 2012/2013 SESSION

COURSE CODE: MET 413 (3 units)

COURSE TITLE: AERONAUTICAL METEOROLOGY

INSTRUCTION: ANSWER ANY (4) QUESTIONS OF YOUR CHOICE

TIME: 3 Hours

- 1) Discuss with relevant examples the relevance of Meteorology in the Aviation industry.
- 2) Identify and discuss four weather hazards that affect the operation of Aircrafts in Nigeria.
- 3) Critically examine the role of air navigation and traffic services on smooth operation of the aviation industry.
- 4) What is a Flight plan? What are the basic information contained in a folder
- 5) Present a critique of the nationally televised weather forecasting routines by the Nigerian Meteorological Agency .
- 6) Distinguish between Conventional and Satellite-based observation and monitoring for aviation industry with emphasis on their Merits and Limitations.