

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF SCIENCE AND SCIENCE EDUCATION

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2010/2011 SESSION UNDERGRADUATE EXAMINATION

**COURSE CODE:** MET 413

**COURSE TITLE:** Aeronautical Meteorology

**INSTRUCTIONS:** Answer any three (3) questions of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

**TIME ALLOWED:** 2 ½ hours.

1. Discuss with examples, the relevance of meteorology to the aviation industry.
2. Describe any five weather hazards that affect smooth operation of the aviation industry in Nigeria.
3. Explain the term 'flight plan'. What is the basic information contained in a flight folder?
4. Assess the present state of the meteorological input into aviation industry by NIMET, outlining critical aspects and recommend measures for improvements.
5. Explain the role of ICAO and WMO in regulating international aviation operations.