

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF NATURAL AND APPLIED SCIENCES

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2013/2014 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: MET 413

COURSE TITLE: AERONAUTICAL METEOROLOGY

TIME: 2 Hours 30 Mins

INSTRUCTION: ANSWER ANY (4) QUESTIONS OF YOUR CHOICE

- 1) Justify the study of Aeronautical Meteorology.
- 2) Discuss any four weather hazards that affect aircraft operation.
- 3) What is a Flight Plan? Prepare a flight folder for Air Nigeria Flight WT 980 leaving Abuja International airport at 1700 UTC to Landon Gatwick airport.
- 4) Using relevant examples describe the weather minima for landing and take-off of aircrafts in Nigerian airports.
- 5 Explain the role of air navigation and traffic services on aviation operation
- 6) Assess the present state of meteorological input into aviation in Nigeria outlining critical aspects and recommend measures for improvement.

GOOD LUCK