

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF SCIENCE AND SCIENCE EDUCATION

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2010/2011 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: MET 313P

COURSE TITLE: Observational Methods and Analysis in 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 ½ HOURS

1. Identify and discuss the major weather variables in aviation meteorology.
2. Examine poor visibility as a weather element that affects the aviation industry in Nigeria.
3. Outline and discuss the importance of route weather forecasts to pilots.
4. Discuss the observational methods and analysis in meteorology as possible guide to a future career decision.
5. Differentiate between non instrumental observation and instrumental observation in meteorology.
6. With the aid of a diagram explain the hydrological cycle.