

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

COURSE CODE: MET 313

COURSE TITLA: METEOROLOGICAL INSTRUMENT MAINTAINANCE AND FIELD STUDIES IN METEOROLOGY.

INSTRUCTION: ANSWER ANY FOUR QUESTIONS, THE USE OF RELEVANT DIAGRAMS AND ILLUSTRATION SHALL BE REWARDED.

TIME ALLOWED: 2 HOURS.

1. Discuss the main aim of weather analysis over an area or a time period.
(15mks)
2. Examine the major factor of instrumental observations in Nigeria. (15mks)
3. Outline the major principles of weather forecasting in meteorology.(15mks)
4. Examine poor visibility as a weather element that affects the aviation industry in Nigeria.
5. Explained the problems of weather forecasting in Nigeria. (15mks)
6. With the aid of a diagram explain the hydrological cycle.(15mks)