

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: MET 313 (2 units)

COURSE TITLE: Meteorological Instrumental and Maintenance

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

TIME ALLOWED: 2 Hour

1. Describe the mode of origin and characteristics of (a) convective precipitation (b) cyclonic precipitation (c) orographic precipitation
2. What is the basis for measurement of precipitation? What are the difficulties that come in the ways of accurate measurement of precipitation?
3. Discuss the merits and demerits of weather forecasting in Nigeria
4. Describe and explain non instrumental observation and instrumental observation.
5. Discuss the usefulness of weather satellite in weather forecasting.