

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF GEOGRAPHY
SECOND SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

Course Code: MET 324(2 units)

Course Title : Instrumental Maintenance in Meteorology

Instruction: Answer any four questions of your choice.

Time allowed; 2hrs 30 mins.

- 1) Using examples, distinguish between weather measurement and weather estimation.
- 2) In what ways have weather satellites improved the quantity and quality of data available for research in climatology in recent years?
- 3) In comparison with conventional weather data, Meteorological satellites and radr provide different types of weather information. ELABORATE
- 4) Discuss the role of weather estimation in the climatologically research.
- 5) Briefly describe any two methods you would use to fit a trend line to a climate time series outlining their strength and weaknesses.
- 6) The science of climatology makes use of three groups of techniques, metrological, statistical geographical. Discuss.