

**DEPARTMENT OF GEOGRAPHY**  
**FEDERAL UNIVERSITY OF TECHNOLOGY MINNA**  
**SECOND SEMESTER EXAMINATION 2019/2020 SESSION\**

**COURSE CODE:**GRY362 (2 units)

**COURSE TITLE:** Meteorology Field Studies and Instrument **Maintenance .**

**INSTRUCTION:** Answer Question ONE (1) And Any Other Two

**TIME: 2 Hours**

1. Although climatology is a geographical science whose initial problems and ultimate aim are essentially geographical, its methods and techniques are those of physicists and mathematicians rather than of the geographers. Elaborate.
2. Using specific examples identify and explain the differences between weather measurement and weather estimation.
3. Identify and explain the factors you will consider in setting up a weather station and provide reasons
4. Enumerate and explain the specialized radiometers designed to measure special features of the atmosphere.
5. Explain the difference between passive and active remote sensors.