

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

FIRST SEMESTER 2013/2014 SESSION UNDERGRADUATE EXAMINATION

**COURSE CODE:** REM 415P (3 Units)

**COURSE TITLE:** Geographic Information System

**INSTRUCTIONS:** Answer **Qn. 1** and any two other questions.

**TIME ALLOWED:** 2 Hours

1. (a) Explain the concept of GIS  
(b) Explain the advantages of computer-assisted mapping over conventional mapping techniques.
2. Explain the Concepts and the hardware components of GIS.
3. Discuss the various methods of entering spatial data into GIS.
4. Discuss the various statistical data analysis methods in GIS.
5. Explain the linkages between remote sensing and GIS.