FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF NATURAL AND APPLIED SCIENCES

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY213P (3 units)

COURSE TITLE: Computer Application in Geography

INSTRUCTIONS: Answer Question one (1) and any other 3 questions of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

TIME ALLOWED: 3 Hours

1. Describe in detail the steps involved in generating digital elevation model from sample GPS points, and discuss using one example how you can use the model in geographical studies

2. (a). Discuss in details, the fundamental types of computers

    (b) Digital computers are in different shapes, sizes, and weights and thus perform different sorts of functions from one another. Expatiate

3. Discuss the two "WARES" necessary for the proper running of a computer system

4. (a). What is a database?

    (b). Discuss the different types of database management systems (DBMS).

5. Write explanatory notes on any **three** of the following

    a. Local Area network (LAN)

    b. Metropolitan Area Network (MAN)

    c. Wide Area Network (WAN)

    d. Networking

6. Discuss in details the differences between the internet and the intranet.