

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF GEOGRAPHY
FIRST SEMESTER 2013/2014 SESSION UNDERGRADUATE
EXAMINATION

COURSE CODE: REM 315 (3units)

COURSE TITLE: Digital Image Processing (DIP)

INSTRUCTIONS: Answer Question **1** and any other **2** of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

TIME ALLOWED: 2 1/2 Hours

1. Using a flow chart, describe the steps involved in digitally analysing a Quick bird Image of Bosso Minna. (20MKS)
2. Discuss in detail, the different format for storing digital image. (10MKS)
3. a. What is a Digital Image?
b. Discuss in details the element of Image Interpretation.
4. Discuss any three image enhancement techniques.
- 5 a. What do you understand by **Image Resolution**? (2MKS)
b. Discuss the different types of image resolution you know.(8MKS)