

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2011/2012 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 115

COURSE TITLE: INTRODUCTION TO PRACTICAL GEOGRAPHY

INSTRUCTION: Answer question number 1 and 5 and any other **two** questions.

Time allowed: 2 hours

- 1a. List five principles of a good drawing and explain each of the points listed (7 ½ marks)
- 1b. Outline four out of the required properties of drawing materials used in cartography (7 ½ marks)
- 1c. Evolve four definitions of map of your own (5 Marks).

- 2 Write short notes on the followings
 - a) Name placements (4 marks)
 - b) Mental map (3 Marks)
 - c) Isopleths map (3 Marks)

- 3a. If by inadvertent omission or carelessness the map makes does not indicate the scale of his map briefly explain three ways how the scale of the map can still be determined. (7 Marks)
- 3b. How wide on the map will a 100m wide express way be on a map scale 1:50,000 (3 Marks)

- 4a. Discuss the following visual variables:
 - I Pattern II value III position (6 Marks)
- 4b. Discuss the following scaling systems:
 - I Nominal measurement II ordinal measurement (4 Marks)

5. With the aid of a schematic diagram of rainfall distribution over an area of your choice demonstrate the role of that visual variables play in mapping. (10marks)

6. Discuss the importance of topographical maps to the construction industry with special reference to highway construction. (10 marks)