

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER EXAMINATION 2015/2016 SESSION

COURSE CODE: GRY 115P. INTRODUCTION TO PRACTICAL GEOGRAPHY

INSTRUCTION: Answer questions ONE and any other THREE questions. TIME ALLOWED 2HRS

1. Substantiate four of the following claims:
 - a) Map is a metaphor
 - b) Map is an historic document
 - c) Map appreciation grows naturally out of an appreciation of other disciplines/subjects
 - d) Maps are tools that can open any geographical problem.
 - e) Map is a means of communication (20 marks)
2. a) Define four out of the following
 - i. Map making
 - ii. Map reading
 - iii. Map analysis
 - iv. Map interpretation
 - v. Thematic map
2. b) How does extra-perceptual information that originates in the mind affects our mental image or map? (10 marks)
3. a) When your mental map fails you what other alternative is open to you as a geographer?
b) Differentiate between Site and Situation
c) In reading a topographical map, settlement is one of the important elements (physical) usually found in it, state the functions such a settlement may perform? (10 marks)
4. a) Convert a representative fraction scale to a statement of scale. The R.F is 1:50000
b) The statement of scale is 4cm to 1km. convert to R.F. Scale.
c) The statement of scale is 2.5km to 1cm. Convert to R.F. Scale
d) The R.F is 1:40000 transformed to statement of scale.
e) Briefly state the importance of scale. (10 marks)
5. a) Discuss briefly, how to determine latitude and longitude of a given position or feature on a topographical map.
b) What is the importance of latitude in solving geographical problems? (10 marks)
6. a) Outline the steps involved in choropleth mapping techniques and state the importance of each step in the process.
b)
 - i. What are visual variables?
 - ii. Explain three of these variables and the role they play in mapping. (10 marks)