

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION (ARTS) AND BACHELOR OF ARTS

GEOG 144: INTRODUCTION TO PRACTICAL GEOGRAPHY AND FIELDWORK

STREAMS:BED (ARTS) BA(Y1S1)

TIME: 2 HOURS

DAY/DATE: MONDAY 4/12/2017

8.30 A.M – 10.30 A.M

INSTRUCTIONS:

- **Answer question one and two other questions**
- **Diagrams and sketch maps should be used wherever they serve to illustrate an answer.**

1. (a) Describe any five merits of digital maps as compared to analogue maps. [10marks]
- (b) Examine the significance of field in a geographical research. [10marks]
- (c) Explain briefly the use of aerial photographs in developing countries. [10marks]
2. Write precise essays on the following.
 - (a) River bifurcation [7marks]
 - (b) Thematic maps [7marks]
 - (c) Drainage basin analysis [6marks]
3. State and explain any five merits and five demerits of aerial photographs over topographical maps. [20marks]
4. (a) State and explain the primary and secondary methods of data collection. [12marks]
- (b) In what special circumstances is each method suitable? [8marks]

5. (a) Evaluate the factors that should be considered when choosing a symbol to represent features in a map. [12marks]
- (b) What are the possible challenges that a cartographer is likely to experience in 5(a) above. [8marks]
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