

CHUKA



UNIVERSITY

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EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION ARTS

GEOG 436: DATA PROCESSING AND PRESENTATION TECHNIQUES

STREAMS: BED (ARTS), BA

TIME: 2 HOURS

DAY/DATE: TUESDAY 10/12/2019

8.30 AM – 10.30 AM

INSTRUCTIONS:

- **Answer Question ONE and any other TWO questions, atleast One question from each section**
- **Use illustrations where appropriate.**

1. (a) Define the following:

(i) A data entry form	[2 marks]
(ii) Data mining	[2 marks]

- (b) Distinguish between

(i) Sorting and filtering	[4 marks]
(ii) Worksheet and workbook	[4 marks]
(iii) Qualitative data and quantitative data	[4 marks]
(iv) Continuous data and discrete data	[4 marks]

- (c) Why are spreadsheet or table files appropriate data and quantitative data. [6 marks]

- (d) Cite a scenario when data analysis uses both continuous and discrete data. [4 marks]

2. (a) Describe the procedure for sorting rows or columns data in Ms Excel. [6 marks]

- (b) Discuss the different outputs of processed data. [8 marks]

- (c) What are the advantages of IT- solutions for storing and preserving data? [6 marks]
3. Explain the types of data processing mechanisms. [20 marks]
4. Discuss any four qualitative analysis methods. [20 marks]
5. Discuss the good practices in preserving data. [20 marks]
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