MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER

SCHOOL OF TOURISM AND NATURAL RESOURCE MANAGEMENT
BACHELOR OF ARTS (GEOGRAPHY)

COURSE CODE: GEO 414
COURSE TITLE: DATA PROCESSING

DATE: 24TH APRIL 2019
TIME: 8.30AM - 10.30AM

INSTRUCTIONS TO CANDIDATES
Answer ALL questions in section A and any other TWO in section B.
DATA PROCESSING

SECTION A (COMPULSORY)

QUESTION ONE

(a). Using examples, explain the difference between ‘Data’ and ‘Information’. (10 marks)
(b). Give five types of errors in data processing. (5 marks)
(c). Make clear comparisons between Manual, Mechanical and Electronic Systems. (9 marks)
(d). State the characteristics of real-time data processing. (6 marks)

SECTION B (ANSWER ANY TWO QUESTIONS)

QUESTION TWO

(a). Explain the importance of data visualization. (10 marks)
(b). Describe the stages in data collection in the agricultural sector. (10 marks)

QUESTION THREE

(a). Examine the factors that determine the methods of data processing. (10 marks)
(b). Discuss the Security threats to data and information (10 marks)

QUESTION FOUR

Explain the ethical issues related to data protection of information (20 marks)

QUESTION FIVE

(a). Explain the causes of data loss in computers (10 marks)
(b). Show the difference between ‘quantitative data’ and ‘qualitative data’ (10 marks)

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