



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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University Examinations 2024/2025

FIRST YEAR FIRST SEMESTER EXAMINATION FOR CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

AAP 1107: BIOSTATISTICS AND BASIC COMPUTER APPLICATIONS

DATE: DECEMBER 2024

TIME: 1½ HOURS

INSTRUCTIONS:

*Answer question **ONE** and any other **TWO** questions*

QUESTION ONE (30 MARKS)

(a) Define the following

- i. Microsoft word (2 marks)
- ii. Population (2 marks)
- iii. Variable (2 marks)

(b) List three parts of a computer system (3 marks)

(c) State five features of a storage device (5 marks)

(d) Differentiate the two types of statistics (4 marks)

(e) List four categories of variables (4 marks)

(f) State the requirements to get on the internet (5 marks)

(g) State three components of a CPU (3 marks)

QUESTION TWO (15 MARKS)

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- (a)List three examples of word processors (3 marks)
- (b)List four types of computer viruses (4 marks)
- (c)Discuss four methods of data collection (8 marks)

QUESTION THREE (15 MARKS)

- (a)List importance of statistics in animal health and production industry (4 marks)
- (b)State two components of a computer (2 marks)
- (c)Discuss three types of population (9 marks)

QUESTION FOUR (15 MARKS)

- (a)List the properties of a normal distribution curve (5 marks)
- (b)The following are measurements of height in nursing students in cm
125,119,114,126,115,122,118,120,121,124,119,116. find the,
- i. Mode (1 mark)
 - ii. Median (1 mark)
 - iii. Mean (2 marks)
- (c) State the differences between an interview and a questionnaire (6 marks)