



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2018/2019
SPECIAL/SUPPLEMENTARY EXAMINATION FOR DIPLOMA IN CRIME
PREVENTION AND MANAGEMENT
ASC 088: FOUNDATIONS OF SOCIAL STATISTICS

DATE: WEDNESDAY, 25TH SEPTEMBER, 2019

TIME: 8.00 A.M. - 10.00 A.M.

INSTRUCTIONS:

Answer Question ONE and any other THREE Questions

1. Outline the following aspects of probability in statistics.
 - (a) Probability (8 marks)
 - (b) Determination of probability (8 marks)
 - (c) Use of coefficient (8 marks)
2. Present the following aspects of standardization in statistics.
 - (a) Proportion and determination (8 marks)
 - (b) Percentages and determination (8 marks)
 - (c) Key difference between Proportion and Percentage. (7 marks)
3. Outline the following aspects of averages in statistics.
 - (a) Mode (7 marks)
 - (b) Median (8 marks)
 - (c) Mean (8 marks)
4. Discuss the following aspects of dispersion in statistics
 - (a) Epsilon (7 marks)
 - (b) Range (8 marks)
 - (c) Standard Deviation (8 marks)
5. Outline three (3) key advantages of statistics in measurement and research. (23 marks)