



KENYATTA UNIVERSITY

(EMBU CAMPUS)

UNIVERSITY EXAMINATIONS 2019/2020

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF ARTS
(SECURITY MANAGEMENT AND POLICING STUDIES)**

KPS 813: APPLIED RESEARCH TECHNIQUES IN CRIME

DATE: SATURDAY 31ST OCTOBER 2020

TIME: 8.00 A.M - 11.00 A.M

INSTRUCTIONS:

Answer any THREE Questions

- Q1. Using diagrams, examine THREE simple linear regression relationships in causative research (15 marks)
- Q2. Examine the differences between criminal investigative analysts and crime analysts (15 marks)
- Q3. With examples, discuss how crime analysts turn raw data into knowledge (15 marks)
- Q4. (a) Explain the concept "Temporal Analysis" (3 marks)
(b) Discuss, step-by-step how temporal analysis is done (12 marks)
- Q5. Explain how descriptive and inferential statistics are used in analyzing both numerical and non-numerical facts (15 marks)
- Q6. (a) "Correlation does not necessarily imply causation". Explain this statement. (3 marks)
(b) Discuss any FOUR features of Qualitative approaches in applied research (12 marks)