



**KENYATTA UNIVERSITY  
CITY CAMPUS**

**UNIVERSITY EXAMINATIONS 2015/2016**

**THIRD SEMESTER EXAMINATION FOR THE DIPLOMA IN SECURITY  
MANAGEMENT AND POLICE STUDIES**

**KPS 039: COMPUTER APPLICATION IN POLICING**

**DATE: Friday, 29<sup>th</sup> July, 2016**

**TIME: 5.30 p.m. - 7.30 p.m.**

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**INSTRUCTIONS:**

***Attempt Question One and any other TWO Questions.***

**Question One (30 Marks)**

- a) Define the following terms:
  - i) Computer crime
  - ii) Computer forensic (4 Marks)
- b) Distinguish between hardware and software and give two examples of each. (6 Marks)
- c) Describe the features of physical security applied to a computer. (6 Marks)
- d) Explain three reasons that motivates hackers to hack computer system. (8 Marks)
- e) Describe the term ICT policies and three areas of the policy coverage. (6 Marks)

**Question TWO (20 Marks)**

- a) Computers are ideal tools that help the police fight crimes within the community. Explain the three functions of a computer. (9 Marks)
- b) Describe two computer generations giving one advantage and one disadvantage of each. (6 Marks)

**Question Three (20 Marks)**

Fill the table below with the relevant information about the types of computers and the characteristics indicated.

|   | Type of Computer | Specifications | Where used |
|---|------------------|----------------|------------|
| 1 |                  |                |            |
| 2 |                  |                |            |
| 3 |                  |                |            |
| 4 |                  |                |            |

**Question Four (20 Marks)**

Discuss four protective measures you can implement against the abuse of your computer.

**Question Five (20 Marks)**

Explain four threats that can be poised to a computer security.