

KYAMBOGO UNIVERSITY

FACULTY OF SCIENCE

Department of Computer Science

University Examinations 2017/2018

**Second Year, Semester one Examination for Degree in Information Technology
and Computing**

SCS2104/IT215 : Network Security Concepts

Date: Wednesday, 29th November 2017

Time: 12.00 p.m – 3.00 p.m

Instruction to Candidate:

The paper consists of six questions

Attempt any five questions All

questions carry equal marks.

Start each Question on a new page

Question 1

- a. Describe how a network administrator can carry out a Network security policy for a Military department and indicate the various ingredients in the policy. **(6 marks)**
- b. ***Describe the network Access Attacks and how they can be mitigated, giving examples of places of practicability (8 marks)***

Question 2

- c. Describe the network Repudiation Attacks and how they can be mitigated, giving examples of places of practicability **(6 marks)**
- d. ***Describe the network Access Attacks and how they can be mitigated, giving examples of places of practicability (8 marks)***

Question 3

- e. Describe the network Repudiation Attacks and how they can be mitigated, giving examples of places of practicability **(6 marks)**

- f. *Describe the network Access Attacks and how they can be mitigated, giving examples of places of practicability (8 marks)*

Question 4

- g. Describe the network Repudiation Attacks and how they can be mitigated, giving examples of places of practicability **(6 marks)**
- h. *Describe the network Access Attacks and how they can be mitigated, giving examples of places of practicability (8 marks)*

Question 5

- i. Describe the network Repudiation Attacks and how they can be mitigated, giving examples of places of practicability **(6 marks)**
- j. *Describe the network Access Attacks and how they can be mitigated, giving examples of places of practicability (8 marks)*

Question 6

- k. Describe the network Repudiation Attacks and how they can be mitigated, giving examples of places of practicability **(6 marks)**
- l. *Describe the network Access Attacks and how they can be mitigated, giving examples of places of practicability (8 marks)*