



THE COUNCIL OF COMMUNITY COLLEGES OF JAMAICA
ASSOCIATE OF SCIENCE EXAMINATION

SEMESTER II – 2019 MAY

PROGRAMME: MANAGEMENT INFORMATION SYSTEM
COURSE NAME: INTRODUCTION TO COMPUTER SECURITY
CODE: CSYS1102
YEAR GROUP: ONE
DATE: FRIDAY, 2019 MAY 17
TIME: 9:00 A.M. – 11:00 A.M.
DURATION: 2 HOURS
EXAMINATION TYPE: FINAL

This Examination Paper has 7 Pages

INSTRUCTIONS:

1. ANSWER ALL QUESTIONS FROM SECTION A
2. SECTION B CONSISTS OF FOUR (4) QUESTIONS. ANSWER ANY TWO (2)

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

SECTION B

Instruction: In the booklet provided, answer any **TWO (2)** questions from this section.

Question 1

- A. List **TWO (2)** factors that would cause you to be more or less convinced that a particular email message was authentic. **(6 marks)**
- B. Explain the importance of software updates with regard to malware. **(6 marks)**
- C. Explain, giving examples, **THREE (3)** ways in which malware can be delivered. **(18 marks)**

(Total 30 marks)

Question 2

- A. When understanding how to secure a system there are various elements which are involved. List these elements. **(6 marks)**
- B. Explain any **TWO (2)** general guidelines of basic forensics. **(8 marks)**
- C. Describe **FOUR (4)** dangers posed by cyber terrorism. **(16 marks)**

(Total 30 marks)

Question 3

- A. Identify **SIX (6)** types of threats and give a brief explanation of each. **(12 marks)**
- B. List **SIX (6)** areas where companies should have effective user policies. **(6 marks)**
- C. List **TWO (2)** policies that a system administrator should follow when:
 - i. giving access to resources, to a new employee **(4 marks)**
 - ii. an employee's contract with an organization has ended **(4 marks)**
 - iii. the status of an employee changes, and access is needed to other resources **(4 marks)**

(Total 30 marks)

Question 4

- A. In the world of forensics, there are some principles that must be adhere to, as such briefly discuss **TWO (2)** basic forensic principles and FBI Forensic Guidelines. (20 marks)
- B. Explain the **FIVE (5)** methods used to secure the browser. (10 marks)

(Total 30 marks)

ASSOCIATE OF SCIENCE EXAMINATION
SEMESTER II - 2019 MAY

PROGRAMME: MANAGEMENT INFORMATION SYSTEM
COURSE NAME: INTRODUCTION TO COMPUTER SECURITY
CODE: CSYS1102
YEAR/COUE: ONE
DATE: FRIDAY, 10th MAY 2019
TIME: 9:00 A.M. - 11:00 A.M.
DURATION: 2 HOURS
EXAMINATION TYPE: FINAL

INSTRUCTIONS:

1. ANSWER ALL QUESTIONS FROM SECTION A.
2. SECTION B CONSISTS OF FOUR (4) QUESTIONS. ANSWER ANY THREE.

END OF EXAMINATION