



FINAL EXAMINATION

Student ID (in Figures) :

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Student ID (in Words) : _____

Course Code & Name : **CSC1513 IT Applications**
Trimester & Year : MAY 2019 – AUGUST 2019
Lecturer/Examiner : Saravanamalar Surarajah
Duration : 3 Hours

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 2 parts:
PART A (60 marks) : FIVE (5) short answer questions. Answers are to be written in the Answer Booklet provided.
PART B (40 marks) : TWO (2) essay questions. Answers are to be written in the Answer Booklet provided.
2. Candidates are not allowed to bring any unauthorised materials except writing equipment into the Examination Hall. Electronic dictionaries are strictly prohibited.
3. This question paper must be submitted along with all used and/or unused rough papers and/or graph paper (if any). Candidates are NOT allowed to take any examination materials out of the examination hall.
4. Only ballpoint pens are allowed to be used in answering the questions, with the exception of multiple choice questions, where 2B pencils are to be used.

WARNING: The University Examination Board (UEB) of BERJAYA University College regards cheating as a most serious offence and will not hesitate to mete out the appropriate punitive actions according to the severity of the offence committed, and in accordance with the clauses stipulated in the Students’ Handbook, up to and including expulsion from BERJAYA University College.

Total Number of pages = 3 (Including the cover page)

PART A : SHORT ANSWER QUESTIONS (60 MARKS)
INSTRUCTION(S) : FIVE (5) short answer questions. Answer ALL questions in the Answer Booklet(s) provided.

Question 1

Discuss **SIX (6)** guidelines to avoid online schemes. (12 marks)

Question 2

a) Define operating system. (2 marks)

b) Identify **TEN (10)** functions of operating system. (10 marks)

Question 3

a) Define computer network. (2 marks)

b) Discuss **FIVE (5)** benefits of networks. (10 marks)

Question 4

Explain **SIX (6)** basic network hardware. (12 marks)

Question 5

a) Distinguish among **THREE (3)** types of hackers. (6 marks)

b) Identify **SIX (6)** digital security risks. (6 marks)

END OF PART A

PART B : ESSAY QUESTIONS (40 MARKS)

INSTRUCTION(S) : TWO (2) essay questions. Answer ALL questions in the Answer Booklet(s) provided.

Question 1

- a) Describe **THREE (3)** major functions of a computer. (6 marks)
- b) Explain **SEVEN (7)** categories of computers. (14 marks)

Question 2

- a) Identify **FIVE (5)** major operating systems and their developers. (10 marks)
- b) Explain **FIVE (5)** utilities programs. (10 marks)

END OF EXAMINATION PAPER