BERJAYA BUSINESS SCHOOL

FINAL EXAMINATION

Student ID (in Figures) :

Student ID (in Words) :

Subject Code & Name : **CSC1513 IT Applications**
Semester & Year : September – December 2017
Lecturer/Examiner : Vijayan Venggadasallam
Duration : 3 Hours

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 2 parts:
   PART A (60 marks) : Answer ALL SIX (6) short answer questions. Answers are to be written in the Answer Booklet provided.
   PART B (40 marks) : Answer ALL TWO (2) essay questions. Answers are to be written in the Answer Booklet provided.
2. Candidates are not allowed to bring any unauthorized 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 of Hospitality 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 of Hospitality.

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

PART A : **SHORT ANSWER QUESTIONS (60 MARKS)**

INSTRUCTION(S) : Answer all **SIX (6)** questions. Write your answers in the Answer Booklet(s) provided.

1. Differentiate the following terms:

   i. System software and Application software (2 marks)
   ii. Volatile memory and Non-volatile memory (2 marks)
   iii. Data and Information (2 marks)
   iv. Input device and Output device (2 marks)
   v. Storage device and Storage media (2 marks)

2. Describe **FIVE (5)** disadvantages of using computers. (10 marks)

3. (a) List any **TWO (2)** functional units of a processor. (2 marks)

   (b) Explain the steps of machine cycle in a processor. (8 marks)
   (Total: 10 marks)

4. List and describe **FIVE (5)** categories of computers. (10 marks)

5. (a) List **FOUR (4)** functions of operating system on the computer. (4 marks)

   (b) Identify and describe **THREE (3)** types of computer network. (6 marks)
   (Total: 10 marks)

6. Briefly discuss the first and second wave characteristics of e-commerce. (10 marks)

END OF PART A

PART B : **ESSAY QUESTIONS (40 MARKS)**
INSTRUCTION(S) : Answer all **TWO (2)** questions. Write your answers in the Answer Booklet(s) provided.

1. Discuss **FIVE (5)** trends that have made information systems important in business.

(20 marks)

2. Discuss **FIVE (5)** ways to prevent malicious programs such as virus, Trojan horse, and worm.

(20 marks)

END OF EXAM PAPER