



FACULTY OF BUSINESS

FINAL EXAMINATION

Student ID (in Figures) :

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Student ID (in Words) : _____

Course Code & Name : **CSC1513 IT Applications**
 Semester & Year : JAN 2020 - APR 2020
 Lecturer/Examiner : Mr Goh Poh Kim
 Duration : 3 Hours

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of TWO (2) parts:

PART A (60 marks) : FIVE (5) short answer questions. Answer ALL questions in the Answer Booklet(s) provided.

PART B (40 marks) : TWO (2) essay questions. Answer ALL questions in the Answer Booklet(s) 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 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 = 4 (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.

1. a) A web browser is a software application for accessing information on the World Wide Web. Describe any **FOUR (4)** web browsers. (8 marks)

- b) Search engines are software system that is designed to carry out web search. List the **FOUR (4)** tips to obtain better search results. (4 marks)

[Total : 12 marks]

2. a) Operating system basics consists of **TWO (2)** primary types of programs. List both of them. (2 marks)

- b) Operating system is software that manages computer hardware, software resources, and provides common services for computer programs. Discuss **FIVE (5)** main functions of an operating system. (10 marks)

[Total : 12 marks]

3. Distinguish the followings:

- i) Client/Server vs Peer-to-Peer networks (4 marks)
ii) Phishing vs Pharming (4 marks)
iii) Proprietary software vs Open-source software (4 marks)

[Total : 12 marks]

4. Explain the functions of these utilities:

- i) Disk Cleanup (2 marks)
ii) Task Manager (2 marks)
iii) Disk Defragmenter (2 marks)
iv) Magnifier (2 marks)
v) On-Screen Keyboard (2 marks)
vi) Restore point (2 marks)

[Total : 12 marks]

5. a) Describe:
- i) Packet analyser
 - ii) Keylogger
 - iii) Zombie

(6 marks)

- b) Computer hackers are unauthorized users who break into computer systems in order to steal, change or destroy information. Explain **THREE (3)** types of hackers.

(6 marks)

[Total : 12 marks]

END OF PART A

PART B
INSTRUCTION(S)

: ESSAY QUESTIONS (40 MARKS)

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

1. a) A computer network is a set of computers connected together for the purpose of sharing resources. Discuss **FIVE (5)** types of networks that can be classified by distance.

(15 marks)

- b) Wireless network is a network set up by using radio signal frequency to communicate among computers and other network devices. Sometimes it is also referred to as WiFi network or WLAN. Explain the **TWO (2)** ways for Securing Wireless Networks.

(5 marks)

[Total : 20 marks]

2. A computer contains many electric, electronic, and mechanical components known as hardware. There are five major components of hardware. Discuss all **FIVE (5)** of them with example.

(20 marks)

END OF EXAM PAPER