



FINAL EXAMINATION

Programme Name	:	DIPLOMA IN BUSINESS STUDIES DIPLOMA IN LOGISTICS MANAGEMENT DIPLOMA OF ACCOUNTANCY
Course Code & Name	:	DTCT3013 COMPUTER APPLICATION
Duration	:	3 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Please read the instructions given in the question paper **CAREFULLY**.
2. The question paper consists of **FOUR (4)** questions.
3. Answer **ALL** questions in the question paper.
4. Answers to the questions are to be written into the examination booklet.
5. Electronic dictionaries, lecture notes, files or any unauthorised materials except writing equipment are strictly prohibited.

This question paper must be submitted along with all used and/or unused rough papers and/ or graph papers (if any). Candidates are **NOT ALLOWED** to take any examination paper(s) used or unused out of the examination hall.

WARNING:

The Examination Board of Peninsula College Georgetown regards cheating as a very serious offence and will not hesitate to mete out the appropriate punitive actions according to the severity of the offence committed, and in the accordance with the clauses stipulated in the Students' Handbook, up to and including expulsion from Peninsula College Georgetown.

(This booklet contains 3 printed pages including this page)
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ALLOWED TO DO SO

Answer **ALL** questions on the separate sheet provided.

[100 marks]

1. You are embarking on a new journey in your college study life, and you need a new computer for your studies. The main purposes of the new computer is for your regular study activities, including doing assignments, attending online classes, preparing presentations and other related tasks. You are given the privilege to choose your own computer device.
 - a) List down **FIVE (5)** types of personal computer available for your selection. (5 marks)
 - b) Based of the criterias below, explain your choice. (8 marks)
 - Processing power
 - Connectivity
 - Portability
 - Operating System
 - c) Identify **SIX (6)** main hardware that you need to consider when you are buying a personal computer. (12 marks)

Total: [25 marks]
2.
 - a) Suggest **FIVE (5)** software applications with reasons that will help you in your studies. (10 marks)
 - b) What is the **THREE (3)** advantage and **TWO (2)** disadvantages of an open source software? (10 marks)
 - c) Sketch the diagram to illustrate the **FOUR (4)** basic computer operations (5 marks)

Total: [25 marks]
3.
 - a) Discuss the advantages and disadvantages of Computer Networks. (12 marks)
 - b) Write the full name of URL and explain the term. (3 marks)
 - c) Define the following terms:
 - i) The Internet (2 marks)
 - ii) The Web (2 marks)
 - iii) Websites (2 marks)
 - iv) Webpage (2 marks)
 - v) Local Area Network (2 marks)

Total: [25 marks]

4. a) Define the term Artificial Intelligence and list **TWO (2)** applications of AI available currently. (5 marks)
- b) Discuss the impacts of Artificial Intelligence on our daily life. (6 marks)
- c) Define the term Internet of Things and list **TWO (2)** applications of IOT available currently. (5 marks)
- d) Discuss the impacts of Internet of Things on our daily life. (9 marks)
- Total: [25 marks]

- END OF QUESTIONS -