



PENINSULA
COLLEGE
GEORGETOWN

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 4 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. Consider yourself as a small e-commerce business owner and you need to set up both the Hardware and the Software components to built a complete personal desktop computer.
 - a) Define the **TWO (2)** main components of a computer system below:
 - i) Hardware (2.5 marks)
 - ii) Software (2.5 marks)
 - b) Compare any **THREE (3)** available Operating System (OS) software and decide which OS is suitable for you to install in your custom desktop computer. (8 marks)
 - c) Describe **SIX (6)** main hardware that you need to build the custom desktop computer. (12 marks)
Total: [25 marks]

2.
 - a) Discuss **THREE (3)** reasons to use Local Area Network. (6 marks)

 - b) Distinguish **THREE (3)** differences between the networks below. (9 marks)
 - i) Internet
 - ii) Intranet
 - iii) Extranet

 - c) Contrast **FOUR (4)** negative impact of the Internet on students. (10 marks)
Total: [25 marks]

3.
 - a) Define the term Internet of Things (IOT) and the main reason to use it. (5 marks)

 - b) Discuss on any **TWO (2)** IOT applications currently available. (5 marks)

 - c) Explain the difference between Augmented Reality and Virtual Reality. (5 marks)

 - d) Describe any **TWO (2)** examples of Augmented Reality applications. (5 marks)

- e) Briefly Discuss **TWO (2)** jobs that are now being replaced by technology. (5 marks)
Total: [25 marks]

4. a) Figure 1 shows the Shipment data of Company A being stored in a computer application software. Give the name of the application software and describe **TWO (2)** features of this software. (6 marks)

Company A Shipments						
Month	Revenue (RM)	North (Unit)	South (Unit)	East (Unit)	West (Unit)	
Jan	25000	300	400	500	600	
Feb	26000	340	440	540	640	
Mar	27500	380	480	580	680	
Apr	28000	400	500	600	700	
May	30000	420	520	620	720	
Jun	32000	450	550	650	750	
Jul	31000	410	510	610	710	
Aug	29000	390	490	590	690	
Sep	28000	365	465	565	665	
Oct	27000	350	450	550	650	
Nov	28000	320	420	520	620	
Dec	31000	330	430	530	630	

Figure 1: Shipment data of Company A in a computer application.

- b) Based on Figure 1, develop a step-by-step guide to use Microsoft Excel 'function' to calculate the average Revenue from month Jan to Dec, the calculation result is to be placed at cell 'C15'. (6 marks)
- c) Figure 2 shows a presentation slide in an application software, give the name of the application software and describe **TWO (2)** features of this software. (5 marks)

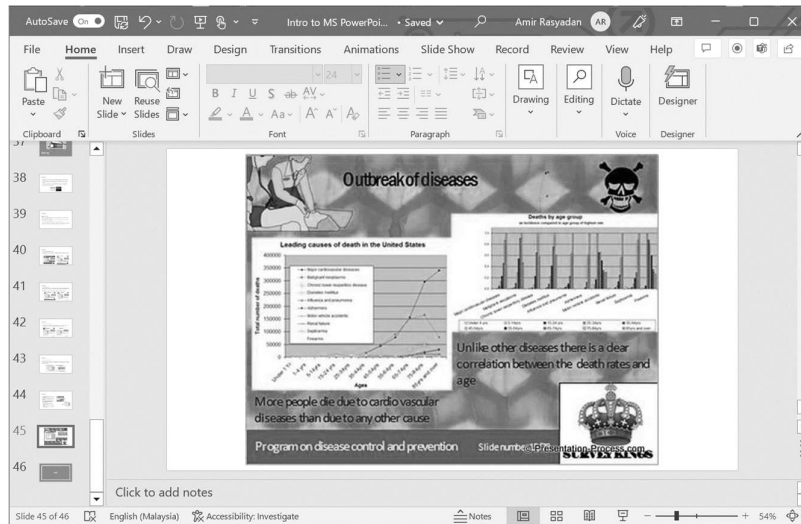


Figure 2: Presentation slide in a computer application

- d) Based on Figure 2, the presentation slide looks very complex and unprofessional, suggest **FOUR (4)** ways to improve the slide styling. (8mark)
Total: [25 marks]

- END OF QUESTIONS -