

## FINAL SEMESTER EXAMINATION

Programme	:	<b>DIPLOMA IN TRAVEL AND TOURISM MANAGEMENT</b>
Course	:	<b>INTRODUCTION TO INFORMATION TECHNOLOGY AND APPLICATIONS</b>
Course Code	:	<b>TTM1113</b>
Duration	:	<b>3 hours</b>

### INSTRUCTIONS TO CANDIDATES:

1. Please read the instructions given in the question paper **CAREFULLY**.
2. This 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**

For examiner's use only

QUESTION NO.	MARKS
1	/ 25
2	/ 25
3	/ 25
4	/ 25
<b>Total</b>	<b>/ 100</b>

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

**[100 marks]**

1. a) List down any **THREE (3)** types of computers.

( 3 marks)

b)

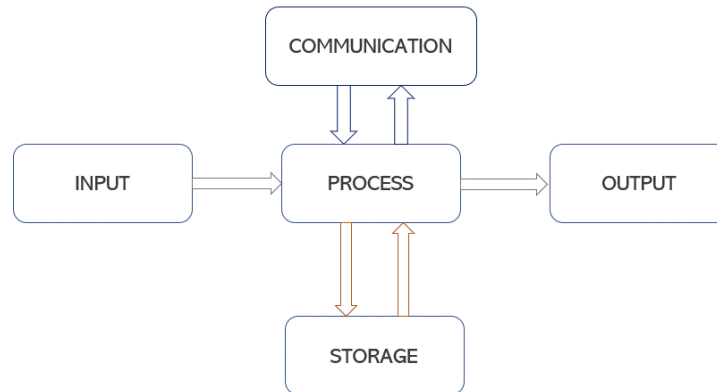


Figure 1: Information processing cycle

Based on Figure 1 above, explain each step in the information processing cycle.

(10 marks)

c) Consider yourself as a student, you want to setup your own custom build desktop computer, justify **SIX (6)** hardware components that you need to buy. ( 12 marks)

Total: [25 marks]

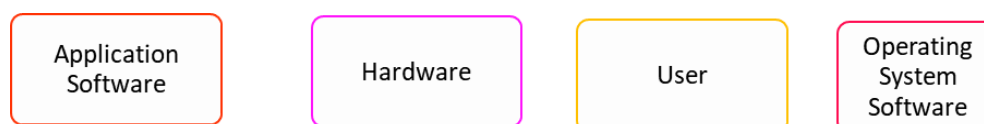
2. a) Describe operating system (OS) software and give **FOUR (4)** examples of OS.

(6 marks)

b) Define the meaning of application software and give **FIVE (5)** examples of application software.

(7 marks)

c) Use the boxes given below to draw a flow diagram and explain how computer system working together.



(12 marks)

Total: [25 marks]

3. a) One of the factors that affects system development success is the ability to tolerate with changes. Give **TWO (2)** examples when is changes needed during system development. (5 marks)
- b) Justify **THREE (3)** reasons Project Management Tool is often used in system development projects. (6 marks)

c)

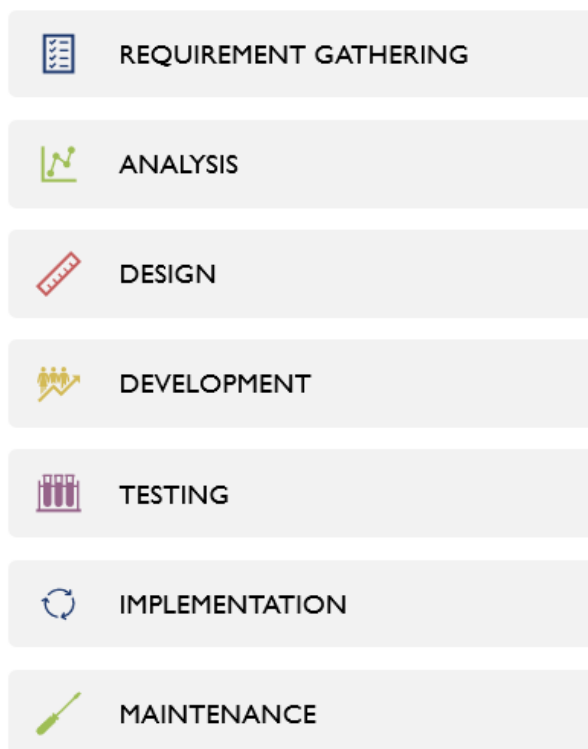


Figure 2: Seven phases of System Development Life Cycle (SDLC)

Figure 2 shows the 7 Phases of SDLC, briefly explain each phase. (14 marks)  
Total: [25 marks]

4. a) Define **THREE (3)** reasons to use computer network. (6 marks)
- b) Justify **ONE (1)** difference between the **THREE (3)** networks below:
- i. LAN: (3 marks)
  - ii. MAN: (3 marks)
  - iii. WAN: (3 marks)

- c) Contrast **FOUR (4)** positive impact of the Internet on society.

(10 marks)  
Total: [25 marks]

**- END OF QUESTIONS -**