UNIVERSITI TEKNOLOGI MARA
QUIZ (SET 1)

COURSE	:	**INTRODUCTION TO ALGORITHM DESIGN AND DEVELOPMENT**
COURSE CODE	:	**CSC121**
DATE	:	**NOVEMBER 2024**
TIME	:	**1 HOUR**

NAME:
MATRIC NO:
GROUP:

INSTRUCTIONS:

1. This paper contains five (5) question
2. Answer ALL questions in English
3. Students are prohibited from any discussion. If caught, your marks will be deducted, and you will be penalized

I agree to the following declaration by answering this assessment question and submitting my answer sheet.

I promise to be truthful, and I am fully aware that cheating is a sin, and that any cheating I commit is punishable by God. I also understand that if I cheat in this assessment, my submission may not be accepted.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

This quiz paper consists of 4 printed pages

QUESTION 1 (5 MARKS)

i)   Define the term 'computer'

(2 marks)

ii)   List **three (3)** categories of computer

(3 marks)

QUESTION 2 (5 MARKS)

i)   Referring to Figure 1 below, label the basic components of the Von Neumann architecture
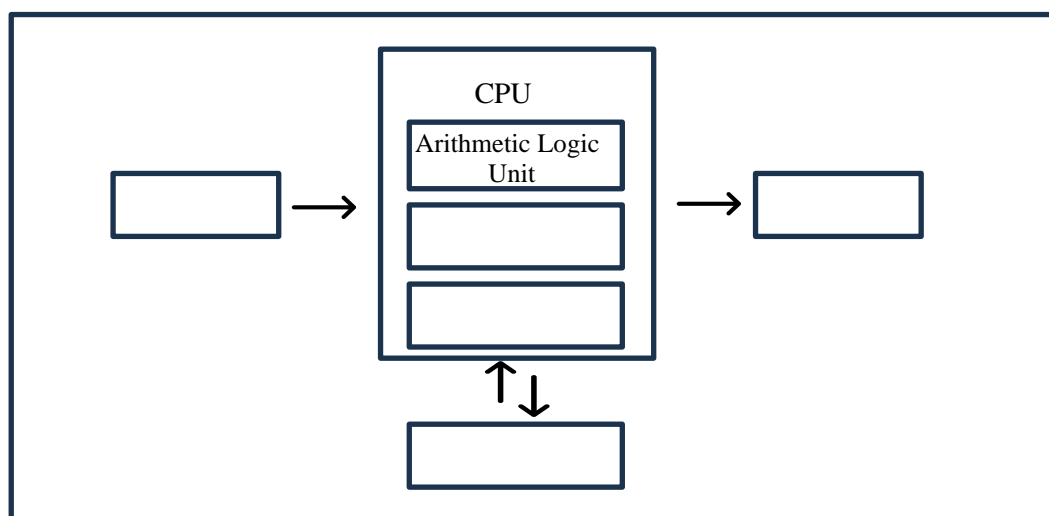
(5 marks)

Figure 1

QUESTION 3 (6 MARKS)

i) State **one (1)** importance of character encoding

(2 marks)

ii) Compare the character encoding between ASCII and Unicode

(4 marks)

QUESTION 4 (7 MARKS)

i) List the **five (5)** phases of Program Development Life Cycle.

(5 marks)

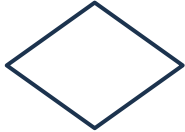Ii) State **two (2)** criteria of a good psuedocode

(2 marks)

QUESTION 5 (7 MARKS)

i) Explain the difference between data and information.

(4 marks)

ii) Name the following basic symbols used in flowchart

(3 marks)

Symbol	Name
parallelogram	
rounded rectangle	
diamond	

- END OF QUIZ -