**CHAPTER 1**

**Introduction to Computers and C++ Programming**

**SELF-TEST QUESTIONS 1.1**

1. What are the five components of a computer?
2. Give at least five (5) examples of high-level languages.
3. What is the difference between high-level languages and low-level languages?
4. What is the purpose of a Compiler?
5. What is a source program/code?
6. What is an object program/code?
7. What is linking?

**SELF-TEST QUESTIONS 1.2**

1. Who is considered the first programmer?
2. Who invented the first programmable computer?
3. What is an Algorithm?
4. What are other words that are synonym for Algorithm?
5. What are the two phase in program design process?
6. What is the result of the problem-solving phase?
7. What is the first step that you need to be certain in problem-solving phase?
8. What kind of mistake does a novice programmer normally make?
9. What is Object-Oriented Programming?
10. What are the main characteristics of an OOP?
11. What is a Class in C++ or in OOP in general?
12. Is C++ an OOP language?
13. List the Software Life Cycle?

**SELF-TEST QUESTIONS 1.3**

1. Who developed the C programming language?
2. Where does it derived from or from what programming language it came from?
3. Who developed C++?
4. What's the main difference between a C and a C++ program?
5. What statement in C++ use to display something in the monitor?
6. To which direction of the arrows goes if using the above statement?
7. What statement in C++ use to extract information from the user?
8. To which direction of the arrows goes if using the above statement?
9. What is the specific name for *#include <iostream>* in C++?

**SELF-TEST QUESTIONS 1.4**

1. A mistake in a program is called what?
2. Removing such mistake in your program is called what?
3. What is syntax error?
4. What does syntax mean here?
5. What is a warning message?
6. What is a run-time error?
7. What is logic error?