**ASSUMPTION COLLEGE OF NABUNTURAN**

**Nabunturan, Compostela Valley Province**

**EDP4 / MATH 23**

**TTh 5:45 – 7:15**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Course & Year: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**I – Enumeration (15 pts.)**

Direction: Enumerate what is asked.

**1 - 3** Three categories of C++ data types.

**4 - 6** Three types of token.

**7 - 10** Give at least four categories under simple data type.

**11-15** Give the five standard arithmetic operators in C++.

**II– Identification (20 pts.)**

Direction: Identify what is being asked and write your answer on the space provided before the number.

\_\_\_\_\_\_\_\_1. The numbers appearing in the arithmetic expression.

\_\_\_\_\_\_\_\_2. An individual who runs or executes a program.

\_\_\_\_\_\_\_\_3. A program written in high-level language.

\_\_\_\_\_\_\_\_4. Used for output to the monitor.

\_\_\_\_\_\_\_\_5. The smallest individual unit of a program written in any language.

\_\_\_\_\_\_\_\_6. An operator that has only one operand.

\_\_\_\_\_\_\_\_7. It has only two values; the true and false.

\_\_\_\_\_\_\_\_8. Developed C during 1970’s.

\_\_\_\_\_\_\_\_9. A data type that deals with decimal numbers.

\_\_\_\_\_\_\_\_10. Specifies the value of the function return.

**III – Modified True or False (10 pts.)**

Direction: Write **True** if the statement is correct. If false, change the underlined word with the correct answer. Write your answer on the space provided.

\_\_\_\_\_\_\_\_1. C++ is a compiled, **procedural language**.

\_\_\_\_\_\_\_\_2. **Cout** is the input statement in C++.

\_\_\_\_\_\_\_\_3. **Loader**is a program that loads an executable program into main memory.

\_\_\_\_\_\_\_\_4. Compiler checks the source program for **syntax rules.**

\_\_\_\_\_\_\_\_5. **Object**program contains many programs that are useful in creating your program.

**IV – Matching Type (10 pts.)**

Direction: Match the items of Column A with those of Column B. Write only the letter of the correct answer on the space provided.

A B

\_\_\_\_\_\_\_\_1. Represents the end of the function. a. 1970’s

\_\_\_\_\_\_\_\_2. Points where data is to end up. b. programmer

\_\_\_\_\_\_\_\_3. Year when C++ was developed. c.comment

\_\_\_\_\_\_\_\_4. A symbol by which all declaration and d.programming

statements end with. e. endl

\_\_\_\_\_\_\_\_5. Represents the end of the line. f. >>

\_\_\_\_\_\_\_\_6. A program that combines the object program g. linker

with other programs. h. algorithm

\_\_\_\_\_\_\_\_7. A step by step problem solving process. i. ;

\_\_\_\_\_\_\_\_8. It checks the source program for syntax errors. j. { }

\_\_\_\_\_\_\_\_9. An individual who creates or writes a program. k. <<

\_\_\_\_\_\_\_\_10. Not for the compiler but for the reader or programmer. l. 1980’s

m. compiler

**V – Programming (15 pts.)**

Direction: Create a program that computes the salary of a worker. Write it in one whole sheet of paper. The output must include the following;

Name of the Worker: **Ann B. Models**

Department:**Finance**

Pay rate:**328.00**

Numbers of days worked: **12**

Deduction: **393.00**

Net pay: **3543.00**

The deductions are **SSS = 215 and Phil health = 178.**

**~ GOOD LUCK ~**

Prepared by:

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