SURIGAO STATE COLLEGE OF TECHNOLOGY

"For Nation's Greater Heights"

COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

SECOND Semester, AY 2021-2022

TEST QUESTIONNAIRE

MIDTERM Examination in AC3/AC4 – OBJECT ORIENTED PROGRAMMING

Direction: This exam covers Modules in Midterm (40 points). Please answer in a sheet of paper and take picture then turned in. This is due at 7:30-9:00am. Those late submission can still be accepted but with deductions. Strictly NO DUPLICATION OF ANSWERS.

I. ANALYSIS (Module 1): Analyze and answer the question

1-5   Completely distinguish procedural and object oriented in terms of programming methods.

6-10 Comprehensively evaluate encapsulation, abstraction, inheritance and polymorphism based on the principles of object oriented programming;

II. EVALUATION(Module 2) : Evaluate and answer the question

11-20 Broadly summarize the concepts of unified modeling language (UML), the standard approach for modeling a system in the object-oriented world.

III. **ANALYSIS (Module 3)**: Analyze the following statements. Write the letter of the correct answer in your paper. Write

a.   If a supports the statement.

b.   If b supports the statement.

c.   If a and b support the statement.

d.   Neither a nor b supports the statement.

Questions:

21. The use of the correct String declaration to declare the String of txt "Good Morning"

a. String = "Good Morning";   b. string = "Good Morning";

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22. The use of the correct operator to **concatenate** two strings: String one = "One" and String two = "Two".

      a. System.out.println(One + two) b. System.out.println(One + Two)

23. Declaring Variable Syntax is :

    a. type variable = value;   b. variable = value;

24. Creating a variable called name of type string and assign it the value **"John":**

    a. String name = John;   b. String name = "John";

25. Creating a variable called Num of type int and assign it the value 50.

    a. int Num = 50;   b. int Num = "50";

26. Creating a variable called num of type double and assign it the value of 100.00

    A. int num = 100;   b. double num = 100.00;

27. The *Rules for Declaring Variables in Java*

a. Variable name must bound with data type. It means while declaring a variable we must specify its data type.

b. Reserve word or keywords cannot be taken as a variable name.

28. The types of variables in Java
    a. instance   b. local

29. Consider the item below

if (condition)

  {

    … (if block)

  }

    This means the

A. correct syntax of the if statement

B. correct but lacking syntax of the if statement

30. Consider the item below

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System.out.println("Old Price of Iron: "+PRICE); which means

A. The screen prints out Old Price of Iron: with the value of the PRICE

B. The screen prints only the value of the PRICE

EVALUATION (Module IV). Evaluate the item below

31-40. Comprehensively evaluate the array with its declaration, initialization and accessing the elements. You can give examples for your evaluation.

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