TEST NAME: **BP10 4.0**
TEST ID: **1008227**
GRADE: **09 - Ninth Grade - 12 - Twelfth Grade**
SUBJECT: **Computer and Information Sciences**
TEST CATEGORY: **Shared Classroom Assessments**

1. A variable named dblTaxRate is of what data type?

   A. Integer

   B. Double

   C. Decimal

   D. String

2. The **most** appropriate data type for the word "Value" is:

   A. decimal.

   B. double.

   C. integer.

   D. string.

3. How do you declare a variable whose value cannot be changed after assignment?

   A. Replace Dim with Const

   B. Replace Dim with Static

   C. Declare the variable as a global variable

   D. Add Const after Dim

4. Which would be appropriate as an object name?

   A. 9DigitZip

   B. GrossPay$

   C. Last.Name

   D. txtHoursWorked

5. If you assign a number, such as 3.7, to an integer variable, what will be stored in the memory location?

    A. 0

    B. 3

    C. 3.7

    D. 4

6. John needs a variable to hold its value beyond its normal lifetime. What type of variable should he use?

    A. Static

    B. Const

    C. Integer

    D. Double

7. Josie is writing a program and needs a variable that can be accessed from multiple event procedures. What scope of variable should she use?

    A. Procedural

    B. Global

    C. Local

    D. Non-Local

8. Variable names:

    A. can be a keyword.

    B. can contain spaces.

    C. must begin with a letter.

    D. must contain a digit.

9. Which would be appropriate as a variable?

   A. #HoursWorked

   B. $PayRate

   C. Last.Name

   D. **strFirstName**

10. If a student needed to declare a variable to hold values representing a grade point average (GPA), which would be the ***best*** declaration given programming naming conventions?

    A. Dim dblGPA As Double

    B. Dim intGPA As Double

    C. Dim intGPA As Integer

    D. Dim strGPA As String

11. According to Hungarian notation, what is an appropriate name for a Textbox?

    A. 1stBoxName

    B. boxName

    C. TEXT_NAME

    D. **txtName**

12. A variable named strName is of what data type?

    A. Integer

    B. Double

    C. Decimal

    D. **String**

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13. Jayce wants to store the student name "Ellen" in a variable. Which data type should he use?

    A. Double

    B. Integer

    C. Char

    D. String

14. Which method formats output as currency?

    A. dblMoney.ToString("$##.00")

    B. dblMoney.ToString($##.00)

    C. dblMoney.ToString= $##.00

    D. dblMoney.ToString= "$##.00

15. A variable named intGrade is of what data type?

    A. Integer

    B. Double

    C. Decimal

    D. String

16. Hugh declares a variable in the event procedure code for a button. What scope is this variable?

    A. Procedural

    B. Global

    C. Local

    D. Non-Local

17. What is the correct code to create a message box from the following code?

lblcost.Text= "The cost of the product is: " & (deccost + dectax)

A.

MessageBox.Show "The cost of the product is: " & (deccost + dectax)

B.

MessageBox.Show ("The cost of the product is: "& (deccost + dectax))

C.

Textbox.Show ("The cost of the product is: " & (deccost + dectax))

D.

Textbox.show =("The cost of the product is: " & (deccost + dectax))

18. Why is label **not** a valid variable name?

    A. It does not start with a number.

    B. It does not have underscore as one of its characters.

    C. It is a Visual Basic reserved keyword.

    D. It should be at least 6 characters.

19. In the statement, lblMessage.Text = "This is a label." What does lblMessage refer to?

    A. Form object

    B. Label control

    C. Selected object

    D. Type of event

20. Susan declares a variable within an If statement. What is the scope of this variable?

    A. Procedural

    B. Global

    C. Local

    D. Non-Local

21. The words "A Double data type should be always stored as a Double data type!" would be *best* stored in which data type?

   A. Double

   B. Integer

   C. Decimal

   D. String

22. Which would *best* represent a variable that will hold a true or false value if an entry was valid?

   A. Dim blnIsValid As Boolean

   B. Dim dblIsValid As Double

   C. Dim IsValid As Integer

   D. Dim strIsValid As String

23. Which data type is appropriate to store the value 75.9?

   A. Boolean

   B. Double

   C. Integer

   D. String

24. What is an appropriate name for a constant according to Hungarian notation?

   A. $_RATE

   B. $rate

   C. decRATE

   D. decRate

25. What data type is returned from a text box control?

    A. String

    B. Integer

    C. Double

    D. Boolean

26. What is an appropriate name for a textbox according to Hungarian notation?

    A. $Textbox

    B. BoxName

    C. MONEY_TEXT

    D. txtName

27. Which would **best** represent a Button control object that will be used to calculate an average?

    A. binAverage

    B. btnCalcAverage

    C. Calculate

    D. dblCalculate

28. Which data type is appropriate to store the number five (5)?

    A. Boolean

    B. Integer

    C. Char

    D. String

29. If you assign a number such as 3.768 to a double variable, what will be stored in the memory location?

    A. 0

    B. 3

    C. 3.768

    D. 4

30. Which is a proper name for a button according to Hungarian notation?

    A. AddButton

    B. btnAdd

    C. Button1

    D. ButtonAdd

31. Which data type is used to declare a variable that will store the value 0.113?

    A. Char

    B. Double

    C. Boolean

    D. String

32. What value does the statement intWeight=Convert.toInt32(txtWeight.Text) return if the value keyed by the user was 47?

    A. forty-seven

    B. 47

    C. 0

    D. "47"

33. Kirk wants to declare a variable that holds its value beyond the normal lifetime. How should he declare it?

A. Static intGrade As Integer

B. Dim Static intGrade As Integer

C. Static Dim intGrade As Integer

D. Dim intGrade As Integer

34. Which is written in Hungarian Notation?

A. decAmountDue

B. EXIT_BUTTON

C. EXITBUTTON

D. last_name_txt_box

35. A variable named decBonus is of what data type?

A. Boolean

B. Double

C. Decimal

D. String

36. Using the statement below, what is the initial value of this variable?

Dim intHours As Integer

A. 0

B. 1

C. Empty

D. Nothing

37. A variable named blnIsTrue is of what data type?

A. Boolean

B. Double

C. Integer

D. String