



MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

FINAL EXAMINATION
JANUARY 2016 SEMESTER

SUBJECT CODE : ITD21103
SUBJECT TITLE : VISUAL BASIC .NET PROGRAMMING
LEVEL : DIPLOMA
TIME / DURATION : 2.00 P.M – 4.30 P.M
(2 ½ HOURS)
DATE : 26 MAY 2016

INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper CAREFULLY.
2. This question paper is printed on both sides of the paper.
3. This question paper consists of TWO (2) sections. Section A and B.
4. Answer ALL questions.
5. Please write your answers on the OMR sheet for Section A and on answer booklet provided for Section B.
6. Answer all questions in English.

THERE ARE 10 PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A (Total: 25 marks)**INSTRUCTION: Answer ALL questions.****Please use the OMR sheet provided.**

1. Visual Basic is considered to be a _____.
 - A. first-generation language
 - B. package
 - C. high-level language
 - D. machine language

2. Which of the following are valid variable names?
 - A. 1_IsValid
 - B. ThisIsValid
 - C. But,ThisIsNot
 - D. Public

3. Assume that `intCounter` is an Integer variable initialized to 5. Which of the following loop continuation conditions can be used in a `Do...Loop While` statement to print the values 5 through 15, inclusive?
 - A. `intCounter > 5`
 - B. `intCounter <= 15`
 - C. `intCounter < 16`
 - D. Both b and c

4. Which of the following is not an operator to link conditions in a compound conditional expression?
 - A. And
 - B. Maybe
 - C. Not
 - D. Or

5. Given the following code, what would the contents be of the Message Box?

```
Dim sngPurchasePrice As Single  
  
sngPurchasePrice = 150.95  
  
If (sngPurchasePrice < 1000) Then  
    MsgBox ("Less Than 1000")  
ElseIf (sngPurchasePrice < 500) Then  
    MsgBox ("Less Than 500")  
ElseIf (sngPurchasePrice < 100) Then  
    MsgBox ("Less Than 100")  
Else  
    MsgBox ("Other Value")  
End If  
End Sub
```

- A. Less Than 1000
B. Less Than 500
C. Less Than 100
D. Other Value
6. When a project begins, the first form to display is called the _____.
- A. Startup form
B. Splash screen
C. About box
D. Show dialog
7. With A = False and B = True, which statement evaluates as True?
- A. A AND B
B. B AND A
C. B AND B
D. NOT B
8. To print output to the printer, you use the _____ control.
- A. PrintOutput
B. PrintDocument
C. PrintPage
D. PrintFile

9. Which TextBox property should always be changed first?
- A. BorderStyle
 - B. Font
 - C. Name
 - D. Text
10. The For...Next Loop is used when:.
- A. A choice is made based on a Boolean condition.
 - B. A block of statements is executed an unknown number of times.
 - C. A block of statements is executed a known number of times.
 - D. All of the above.
11. A sub procedure is valuable because it:
- A. makes code easier to maintain.
 - B. splits the logic to solve a problem into small, manageable units.
 - C. limits the number of times the code can be accessed.
 - D. Both a and b
12. Using the order of precedence and the formula below, what is the `intAnswer` when the computation is
- $$\text{intAnswer} = \text{intNo1} * (\text{intNo2} + \text{intNo3}) - \text{intNo4} / \text{intNo1} \text{ when}$$
- `intNo1 = 2, intNo2 = 12, intNo3 = 20 and intNo4 = 6?`
- A. 19
 - B. 41
 - C. 61
 - D. 70
13. Which is **NOT** an optional element of a sub procedure declaration?
- A. Parameters
 - B. Public
 - C. Private
 - D. Sub

14. How does one fill in a list box?
- I. Define it in the property window of the form
 - II. Define it in the property window of the list box
 - III. Use `Items.Add` method
 - IV. Use `Items.Insert` method
 - V. Use `Items.Fill` method
- A. I, II, and III only
B. II, III, and IV only
C. I, II, IV and V only
D. I, III, IV and V only
15. How should the heading look like?
- A. `Private Sub cgpa(ByVal crhrInteger, ByVal totgpDecimal) As Decimal`
- B. `Private Sub cgpa(ByVal crhrInteger As Integer, ByVal totgpDecimal As Decimal)`
- C. `Private Function cgpa(ByVal crhrInteger As Integer, ByVal totgpDecimal As Decimal)`
- D. `Private Function cgpa(ByVal crhrInteger As Integer, ByVal totgpDecimal As Decimal) As Decimal`
16. In the code segment, what are the variables in the parentheses called?
- A. Parameters
B. Subroutines
C. Passed Values
D. Global variables
17. Which of the following will change the background color of the control `LabelResult` to red?
- A. `LabelResult.BackColor = Red`
B. `LabelResult.BackColor = Color.Red`
C. `LabelResult.BackgroundColor = Red`
D. `LabelResult.BackgroundColor = Color.Re`

18. What does "N3" mean in the line
- ```
cgpaLabel.Text = cgpa(totalCreditHourInteger,
totalGradePointDecimal).ToString("N3")?
```
- A. The output will be displayed with three digits.  
B. The output will be displayed with three leading zeroes.  
C. The output will be displayed with three decimal points.  
D. The output will be displayed with three inverted commas.
19. Which symbol creates an access key in the text of a menu item?
- A. @  
B. #  
C. &  
D. \$
20. The \_\_\_\_\_ is available in most Windows programs and usually displays information about the program version as well as the company name.
- A. Startup form  
B. Login form  
C. About form  
D. Main form
21. To print output to the printer, you use the \_\_\_\_\_ control.
- A. PrintOutput  
B. PrintDocument  
C. PrintPage  
D. PrintFile
22. Form \_\_\_\_\_ specify attributes such as size and position.
- A. nodes  
B. properties  
C. inputs  
D. title bars

23. Which is **NOT** a standard dialog box?
- A. ColorDialog
  - B. FontDialog
  - C. PrintDialog
  - D. ZoomDialog
24. The click event is most commonly associated with the \_\_\_\_\_.
- A. textbox
  - B. label
  - C. form
  - D. button
25. The reserved Visual Basic word, Dim, is short for dimension, which means \_\_\_\_\_.
- A. declaration
  - B. size
  - C. storage
  - D. identifier

(25 marks)