

#### 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 1/2 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.

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- A. first-generation language
- B. package
- C. high-level language
- D. machine language
- 2. Which of the following are valid variable names?
  - A. 1\_lsValid
  - B. ThisIsValid
  - C. But, This Is Not
  - 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</p>
  - 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</pre>

- A. Less Than 1000
- B. Less Than 500
- C. Less Than 100
- D. Other Value
- 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. BANDA
  - C. BANDB
  - D. NOT B
- 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 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

```
intAnswer = intNo1 * (intNo2 + intNo3) - intNo4 / intNo1 when
intNo1 = 2, intNo2 = 12, intNo3 = 20 and intNo4 = 6?
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- 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

# 47. 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. W	Vhich sy	mbol o	creates	an	access	key	in	the	text	of	a	menu	item	1
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- A. @
- B. #
- C. &
- D. \$

20.	The	is available in most Windows programs and usually displays	information
	about th	ne 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 pr	inter, y	ou use t	he	_control
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- A. PrintOutput
- B. PrintDocument
- C. PrintPage
- D. PrintFile

22. Form \_\_\_\_\_ specify attributes such as size and position.

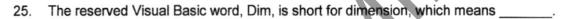
- A. nodes
- B. properties
- C. inputs
- D. title bars

23. \	Which	is	NOT	a	standard	dialog	box?
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- A. ColorDialog
- B. FontDialog
- C. PrintDialog
- D. ZoomDialog

24.	The click	event is	most	commonly	associated with	the
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- A. textbox
- B. label
- C. form
- D. button



- A. declaration
- B. size
- C. storage
- D. identifier

(25 marks)