

2014

( 5th Semester )

**BACHELOR OF COMPUTER APPLICATION**

Paper No. : BCA-503

**( GUI Programming )**

( PART : A—OBJECTIVE )

( Marks : 25 )

*The figures in the margin indicate full marks for the questions*

SECTION—I

( Marks : 15 )

I. Tick (✓) the correct answer in the brackets provided :

1×10=10

1. Now() returns the current system to

(a) date ( )

(b) time ( )

(c) date and time ( )

(d) year ( )

2. — is a set of component technologies that enable software components to interact with one another in a networked environment.

(a) Object ( )

(b) COM ( )

(c) ActiveX ( )

(d) DCOM ( )

3. Val() is used to convert value to

(a) integer ( )

(b) single ( )

(c) variable ( )

(d) double ( )

4. The process of packaging interface parameters and sending them across process boundaries is called

(a) packaging ( )

(b) marshalling ( )

(c) debugging ( )

(d) response ( )

5. What is the output of the following function?

Asc("C")

(a) 60 ( )

(b) 65 ( )

(c) 67 ( )

(d) 69 ( )

6. Which statement is used to define a property procedure that assigns the value of a property?

(a) Property Let ( )

(b) Property Get ( )

(c) Property Set ( )

(d) Property Write ( )

7. The ActiveX control has the following file name extension :

(a) .ctl ( )

(b) .dll ( )

(c) .exe ( )

(d) .ocx ( )

8. When you create a setup program, which of the files is automatically generated?

(a) St6Unst.exe ( )

(b) MSComCtl32.ocx ( )

(c) VB6StKit.dll ( )

(d) All of the above ( )

9. The — object is used to store information about, or change settings for a user session.

(a) session ( )

(b) response ( )

(c) cookies ( )

(d) application ( )

10. How many different types of cursors are there when opening a record set?

(a) 5 ( )

(b) 3 ( )

(c) 6 ( )

(d) 4 ( )

( 5 )

II. Tick (✓) whether the following statements are True or False : 1×5=5

1. Datagrid can directly bind to a database for viewing, editing, adding and deleting data.

(True / False )

2. Visual modeler enables you to create a logical view of your solution that contains the classes and their relationships to each other.

(True / False )

3. MDAC stands for multiple data access component.

(True / False )

4. Variable name must begin and end with a letter.

(True / False )

5. The exit statement allows you to exit permanently from the block of statements in a control structure, from loop, or from procedure.

(True / False )

( 6 )

SECTION—II

( Marks : 10 )

III. Answer the following questions : 2×5=10

1. What is the difference between implicit and explicit declarations?

( 7 )

2. Define constant variable. Give example.

0

( 8 )

3. What is the difference between data control and data-bound control?

4. Define `response.write()` and `response.redirect()`.

( 10 )

5. Write down the editors which can be used to write and execute VBScript code.

\*\*\*

**V/BCA/503**

**2014**

( 5th Semester )

**BACHELOR OF COMPUTER APPLICATION**

Paper No. : BCA-503

**( GUI Programming )**

*Full Marks : 75*

*Time : 3 hours*

**( PART : B—DESCRIPTIVE )**

*( Marks : 50 )*

*The figures in the margin indicate full marks  
for the questions*

1. (a) Write a short note on file server architecture along with its diagram. 5
- (b) Explain the various mouse events in a form with example. 5
- Or*
- (c) Write short notes on the following : 10
- (i) Message box
  - (ii) Pop-up menu

**G15—240/208a**

*( Turn Over )*

(iii) Input box

(iv) Form

(v) Toolbar

2. (a) Explain with example any five math operations in Visual Basic. 5

(b) Write the difference between functions and procedures. 3

(c) What is meant by type declaration? 2

Or

(d) What is an array? Explain the different types of arrays by giving a suitable example. 6

(e) Write short notes on list view and tree view. 4

3. (a) What is property page wizard? What are the various steps involved in creating property page using property page wizard? 8

(b) What is the full form of DAO? What is the use of DAO in programming language like Visual Basic? 2

Or

(c) What is ambient property object? List down and explain its various properties. 6

- (d) What are the uses of EOF property and BOF property? 2
- (e) What is the benefit of using ActiveX control? 2
4. (a) What is benefit of packaging a standard EXE project? 2
- (b) What is meant by data report? Briefly explain how to create data report in Visual Basic. 8

Or

- (c) What is VBScript? What is the advantage of using VBScript? Write a simple program that prints "Good Morning" on a web page. 8
- (d) What is the use of source safe project in Visual Basic? 2
5. (a) What is service model? Explain the three layers of services in service model with diagram. 7
- (b) Explain two differences between while loop and do-while loop in Visual Basic. 3

Or

- (c) What is ASP? Write down the different objects in ASP. 7
- (d) What is meant by user defined data types? Give example. 3

\*\*\*