

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.

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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

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(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
