

Day & Date	Semester	Subject Name	Time	Code	Marks
Friday 05/10/2018	V (Fresh)	Visual and Database Programming	02.30 PM To 05.00 PM	5103	75

**Instruction:**

- I) Question No. 1 is compulsory.
- II) Attempt any 4 questions from Q. 2 to Q. 8

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|------|---|----------|
| Q. 1 | Solve any 5 questions. (5 x 3 = 15)<br>a. What is MSIL (Microsoft Intermediate Language)?<br>b. What is variable? How to declare it?<br>c. Define MyBase and MyClass.<br>d. What is OLE?<br>e. Explain Solution Explorer.<br>f. What are different Dialog Boxes? Explain them in brief. | 15       |
| Q. 2 | a. What are different data types in VB.net? Explain them.<br>b. Explain architecture of .net framework.   | 08<br>07 |
| Q. 3 | a. Explain MsgBox and InputBox.<br>b. Explain Properties, methods and events of Button control.   | 08<br>07 |
| Q. 4 | a. What is an Array? Explain different types of array.<br>b. What is IDE? Explain its components.   | 08<br>07 |
| Q. 5 | a. Explain Open File dialog control.<br>b. Explain Save File dialog control.  | 08<br>07 |
| Q. 6 | a. Differentiate checkbox and radio button controls<br>b. Explain different loop structures in VB.net.  | 08<br>07 |
| Q. 7 | a. Differentiate ADO and ADO.net.<br>b. Explain with an example how to navigate records (First Record, Previous Record, Next Record, Last Record) in table and display it on form.using VB.net.   | 08<br>07 |
| Q. 8 | Explain all the steps to generate report using Data Report or Crystal Report.   | 15       |

Day & Date	Semester	Subject Name	Time	Code	Marks
Tuesday 03/04/2018	V (Repeater)	Visual and Database Programming	02.30 PM To 05.00 PM	5103	75

**Instruction:**

- I. Q.1 is compulsory.
- II. Solve any four questions from Q.2 to Q.8.
- III. All questions carry equal marks.

Q.1	Solve the following questions (any five)	[15]
	a. Define MyBase and MyClass	
	b. Explain Textbox	
	c. MSIL	
	d. What is .Net?	
	e. If.....else statement	
	f. CLR	
Q.2	a) List and explain different types of windows in common IDE?	[7]
	b) What are the events in VB.Net? What are the different terms and concepts used while handling events?	[8]
Q.3	a) Explain arrays and its types?	[7]
	b) Explain the syntax of MsgBox () and Inputbox ()?	[8]
Q.4	a) Explain OpenFileDialog control?	[8]
	b) Explain Public, Private, Protected and Protected Friend?	[7]
Q.5	a) What is a constructor? Explain in detail?	[7]
	b) Explain the following operations of fetching records Insertion, Updation, Navigation, Selection?	[8]
Q.6	a) What is OLE? Explain in brief	[8]
	b) What is COM and what are the advantages of COM	[7]

Q.7 a) Explain all steps to generate report using data report using data report or crystal report with its advantages? [15]

Q.8 a) How to display data on data grid? [8]

b) What is the difference between ADO and ADO.Net? [7]

Day & Date	Semester	Subject Name	Time	Code	Max. Marks
Wednesday 15/11/2017	V Fresh / Repeater	Visual & Database Programming	11.00 AM To 01.30 PM	5103	75

**Note:** 1) Question 1 is compulsory.  
2) Solve any 4 questions from Q.2 to Q.8.

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- Q.1 Answer in Brief.** **15**
- What is MISL?
  - What is variable? How to declare it?
  - What are the different types of assembly?
  - Explain If ----- else statement.
  - What is CLR?
- Q.2** **08**
- Explain MsgBox and input box function with example.
- Q.2** **07**
- Explain check box and Radio button controls with its properties and event properties.
- Q.3** **08**
- Explain all the component of IDE with example.
- Q.3** **07**
- What is OLE? Explain in brief.
- Q.4** **08**
- Explain open file and colour dialogue box.
- Q.4** **07**
- Explain Net Frame work
- Q.5** **08**
- Differentiate between ADO and ADO Net.
- Q.5** **07**
- Explain array and its types.
- Q.6** **08**
- Explain all the steps to generate report using data report or crystal report with its advt.
- Q.7** **08**
- Explain public private, protected, and protected friend.
- Q.7** **07**
- Explain loop structure
- Q.8** **07**
- Explain all the data type uses in vb.net
- Q.8** **08**
- How to display data on data grid? Explain with example.

[MARCH 2017]

CODE : 5103-Visual & Database Programming  
BCA-Sem-V-Rept.-Newcourse  
03-04-2017

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**Note: 1) Q.1 is Compulsory**

**2) Attempt any four questions from Q.2 TO Q.8**

Q.1. Solve the following questions (any five)	15
a) How many languages are supported by .Net?	
b) What are the different types of assembly?	
c) Explain Text Box and Label control	
d) Explain Access Specifiers, public, private	
e) What is CLR?	
f) What is variable? How to declare it	
Q.2. A) Explain all the component of IDE with diagram.	08
B) Explain all the data types uses in vb.net	07
Q.3.A) Explain record fetching in details	08
B) Explain data Report generation with example.	07
Q.4.A) What is array? Explain it type with suitable example.	08
B) Discuss on object oriented programming	07
Q.5. A) Explain radio button and check box controls with its properties and event Procedure	08
B) Explain Msg Box and Input box function with example	07
Q.6. A) What is interface? How to create it	08
B) Describe do loop statements with example	07
Q.7.A) Explain open file and save file dialog box	08
B) Differentiate ADO and ADO.Net.	07
Q.8. A) Explain the .Net framework.	07
B) How to display data on data grid? Explain with diagram.	08

Code : 5103

BCA - Sem. V (Fresh) (New Course) Exam.-Nov. / Dec. - 2016

Date : 21-11-2016

Visual & Database Programming

Marks -

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**Note** : 1. Q. 1 is compulsory.

2. Attempt any four question from Q. 2 to Q. 8

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|------|--|----|
| Q. 1 | Solve the following questions (any five)   | 15 |
|      | a) What is com ?   |    |
|      | b) What are classes and objects ?  |    |
|      | c) Explain List Box Control.   |    |
|      | d) Write the .Net Framework Features.  |    |
|      | e) Explain Private, Public, Protected.   |    |
|      | f) What is variable ? Hows to declare it.  |    |
| Q. 2 | a) What is visual studio .Net ? List and explain the different types of window in common IDE ? | 10 |
|      | b) What data types is use in vb.net ? Explain it.  | 5  |
| Q. 3 | a) What is menu ? How to design menus ? Explain with diagram.                                  | 8  |
|      | b) Differentiate ADO and ADO.net   | 7  |
| Q. 4 | a) Explain color Dialog Box and Font Dialog Box Control with its example.                      | 8  |
|      | b) Explain functions with returning value.   | 7  |
| Q. 5 | a) Explain list box and combo box control with it's properties, methods & events.              | 8  |
|      | b) What is arrey ? Explain its type with suitable example.                                     | 7  |
| Q. 6 | a) Explain Msg Box and Input box function with suitable example.                               | 8  |
|      | b) What are control statements ? Explain decision making statements with example.              | 7  |
| Q. 7 | a) Explain all the steps of cristal report or data report generation ?                         | 15 |
| Q. 8 | a) What is dataset component ? Explain its properties, methods and events.                     | 8  |
|      | b) Explain .net framework component.   | 7  |

**Bachelor of Computer Applications Examination: April 2016  
Semester – V (Repeater) (New Course) (75/25 Pattern)**

Day & Date	Semester	Subject Name	Time	Code	Max. Marks
Monday 11/04/2016	V (Repeater)	Visual and Database Programming	02.30 PM to 05. 00 PM	5103	75

**Note: Question No. 1 is compulsory.  
Attempt any four questions from Q2 to Q8.**

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|------------|---|-----------|
| <b>Q.1</b> | <b>Solve any 5 from the following: (5 X 3=15)</b>   | <b>15</b> |
|            | a) What is Variable? How to declare it.   |           |
|            | b) Explain while loop with example.   |           |
|            | c) What is MISL?  |           |
|            | d) Explain Check box.   |           |
|            | d) Define: My Base and My class   |           |
|            | f) What is . Net?   |           |
| <b>Q.2</b> | a) List any 10 events of Button Control   | <b>05</b> |
|            | b) Explain If... else if with example   | <b>05</b> |
|            | c) Differentiate List box and Combo box   | <b>05</b> |
| <b>Q.3</b> | a) Explain Private, Public, Protected and protected friend.                                       | <b>08</b> |
|            | b) What is COM? State advantages of COM   | <b>07</b> |
| <b>Q.4</b> | a) Explain the syntax of .msg box () and input box ()   | <b>08</b> |
|            | b) Explain assembly.  | <b>07</b> |
| <b>Q.5</b> | a) What is OLE?   | <b>05</b> |
|            | b) Explain command class.   | <b>10</b> |
| <b>Q.6</b> | a) Explain Open file dialog Control   | <b>07</b> |
|            | b) Explain Save file dialog control   | <b>08</b> |
| <b>Q.7</b> | a) Explain array and its types.   | <b>07</b> |
|            | b) What is IDE? Explain its components.   | <b>08</b> |
| <b>Q.8</b> | Explain all the steps to generate report using Data report or Crystal report with its advantages. | <b>15</b> |

**Bachelor of Computer Applications Examination: October 2015  
Semester – V (Fresh) (New Course) (75/25 Pattern)**

Day & Date	Semester	Subject Name	Time	Code	Max. Marks
Monday 19/10/2015	V (Fresh)	Visual and Database Programming	11.00 AM to 01.30 PM	5103	75

**Note: Question No. 1 is compulsory.  
Attempt any four questions from Q2 to Q8.**

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- Q1. Answer any 5 from the following:** **15**
- a) Define MyBase and Myclass
  - b) Define the scope of variable
  - c) What is .Net?
  - d) What is CLR
  - e) Explain Textbox
  - f) Explain do...until loop
- Q2. a)** Explain arrays and its types. **07**
- b)** Explain private, public, protected and protected friend. **08**
- Q3. a)** Explain the Architecture of .Net framework. **08**
- b)** Explain the syntax of msgbox() and inputbox() **07**
- Q4. a)** Explain openFileDialog control. **08**
- b)** What is COM? State the advantages of COM. **07**
- Q5. a)** List any 10 events of Button control. **05**
- b)** Explain class Library. **05**
- c)** Differentiate Listbox and Combobox. **05**
- Q6. a)** Differentiate ADO and ADD.net **07**
- b)** List out the common properties of controls. **08**
- Q7. a)** How to display data an datagrid? **10**
- b)** What is solution Explorer? **05**
- Q8.** Explain all steps to generate report using Data report or crystal report with its advantages. **15**