

QUESTION BANK

BACHELOR OF COMMERCE (COMPUTER APPLICATION) (BCCA)

Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - A

(Each question carries **Two** marks)

UNIT – I

1. What is .Net Framework?
2. What is MSIL?
3. What do you mean by executing code?
4. What do you mean by console application?
5. What is variable?
6. What is module?
7. What is IDE?
8. List out the components of visual basic.net IDE.
9. Define data type.
10. What is comment?
11. What is whitespace?
12. What do you mean by iteration?
13. What do you mean by Operator?
14. What are control flow statements?
15. What is method?

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Part - A

(Each question carries **Two** marks)

UNIT – II

1. What is an array?
2. How to declare an array in VB.Net?
3. What is enumeration?
4. What is Structure?
5. What is collection?
6. What do you mean by array list?
7. What is event?
8. What is form?
9. What is use of property window?
10. What is the use of label control?
11. What is the use of button control?
12. Difference between check box and radio button control?
13. What is the use of color dialog box?
14. What is use of solution Explorer Window?
15. What is the use of save dialog box?

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Part - A

(Each question carries **Two** marks)

UNIT – III

1. Define menu.
2. Write any three features of menu.
3. What are context menus?
4. What do you mean by debugging?
5. Define syntax error. Give an example.
6. What do you mean by exception?
7. Write the syntax of try – catch block of VB.Net.
8. What is object oriented programming?
9. What is class?
10. What is object?
11. Define Constructor.
12. Define Inheritance.
13. What are the advantages of inheritance?
14. What is namespace?
15. What is the use of import statement in VB.Net?

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Subject: VB.NET

Part - A

(Each question carries **Two** marks)

UNIT – IV

1. Define database.
2. What is table?
3. What do you mean by Query?
4. What is DataSet?
5. What is the purpose of OleDbConnection?
6. What is the purpose of OleDbCommand?
7. What do you mean by data binding?
8. What is ADO.Net?
9. What is the purpose of SqlConnection Class?
10. What is the purpose of SqlDataAdapter class?
11. What is deployment?
12. What is XCOPY Deployment?
13. What are the uses of Bootstrap Loader?
14. What do you mean by Private Assemblies?
15. What do you mean by 'deploying a Web Applications'?

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BACHELOR OF COMMERCE (COMPUTER APPLICATION) (BCCA)

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Subject: VB.NET

Part - B

(Each question carries **Three** marks)

UNIT – I

1. What is the purpose of Common Language Specification?
2. What is Common Type System?
3. What is Common Language Runtime?
4. What are the advantages of VB.Net?
5. Write down the steps to install VB.Net.
6. Differentiate Single-Precision Floating-Point Numbers and double-Precision Floating-Point Numbers with example.
7. What is Select - Case Statement? Give an example.
8. What do you mean by Case Else Statement? Give an example.
9. How to declare a method? Give its syntax and example.
10. Write down the syntax and example of If statement in VB.Net.
11. Write down the syntax and example of Do - Loop in VB.Net.
12. Write down the syntax and example of Do Until - Loop in VB.Net.
13. What do you mean by nested loop?
14. Give an example of infinite loop.

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Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - B

(Each question carries **Three** marks)

UNIT – II

1. How to declare an array? Give an example.
2. What do you mean by ReDim Keyword in VB.Net?
3. What is constant? Give an example.
4. How to define structure in VB.Net? Give an example.
5. Write down any three controls in VB.Net.
6. Write down the purpose of any three events of VB.Net.
7. What is Single Document Interface?
8. What is Multiple Document Interface?
9. What are enumerations?
10. What is hash table?
11. What is lookup table?
12. Write down any three properties of Text Box in VB.Net.
13. Write the syntax and example of Message Box in VB.Net.
14. How to change the font of Text Box using Font Dialog Control?

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Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - B

(Each question carries **Three** marks)

UNIT – III

1. How to create menu bar in VB.Net?
2. How to create context menu in VB.Net?
3. How to create tool bar in VB.Net?
4. Give an example of logical errors in VB.Net.
5. How to set Break Points in VB.Net?
6. What do you mean by 'Debugging Using the Command Window'?
7. What do you mean by 'Debugging Using the Watch Window'?
8. How to create an object in VB.Net? Give an example.
9. How to create a class in VB.Net?
10. What is method overriding?
11. What do you mean by base class and derived class?
12. How to create a constructor in VB.Net?
13. Write down any two types of error in VB.Net.
14. What do you mean by reusability?
15. Write down the syntax and example of Try – Catch statement.

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Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - B

(Each question carries **Three** marks)

UNIT – IV

1. Explain Select Statement in SQL.
2. What is the purpose of OleDbDataAdapter class?
3. What is the purpose of DataView in VB.Net?
4. What is the meaning of DataGrid Control?
5. What is the purpose of DataSource Property?
6. Write down the syntax and example of Binding Controls.
7. What do you mean by No Touch Deployment?
8. How to creating a setup application for Paint?
9. What do you mean by Shared Assemblies?
10. What do you mean by 'Deploying Desktop Applications'?
11. Write any three Data Access Components in VB.Net.
12. Write a note on System.Data namespace.

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BACHELOR OF COMMERCE (COMPUTER APPLICATION) (BCCA)

Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - C

(Each question carries **Five** marks)

UNIT – I

1. Explain .Net framework classes in detail.
2. How to execute an application in VB.Net? Explain.
3. Write a note on common language runtime.
4. Explain various data types supported by VB.Net.
5. Why use methods? Explain with an example.
6. Explain If- Else statement with example.
7. Explain nested If statement with example.
8. Explain For ... Next Loop with its syntax and example.
9. Explain For Each ... Next Loop with its syntax and example.
10. Explain While ... End While Loop with its syntax and example.

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BACHELOR OF COMMERCE (COMPUTER APPLICATION) (BCCA)

Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - C

(Each question carries **Five** marks)

UNIT – II

1. Write a note on 'Passing Arrays as Parameters'.
2. What is enumeration? Explain with an example.
3. What is structure? Explain with an example.
4. What is constant? Explain various constant with example in VB.net.
5. Explain ArrayList with example in VB.Net.
6. What do you mean by dynamic array? Explain with suitable example.
7. Write down the steps to build a simple windows application in VB.Net.
8. Explain the properties and methods of FontDialogBox control.
9. Explain the properties and methods of OpenFileDialog control.
10. Explain the properties and methods of PrintDialogBox control.

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Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - C

(Each question carries **Five** marks)

UNIT – III

1. How to set Check Marks and Radiochecks in menu bar in VB.Net.
2. Create a context menu and perform action on mouse click in VB.Net.
3. Explain various types of error in VB.Net.
4. Write a note on 'Debugging with the Locals Window'.
5. What do you mean by encapsulation? Explain.
6. What is class? Explain with a suitable example.
7. Explain constructor in details.
8. Differentiate menu and context menu in VB.Net.
9. Write a note on 'Reusability'.
10. Explain debugging techniques in detail.

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Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - C

(Each question carries **Five** marks)

UNIT – IV

1. Explain any two data access components in VB.Net.
2. Explain ADO.NET Data Namespaces in detail.
3. What is the purpose of ExecuteNonQuery Method? Explain.
4. How to set SelectCommand to a Stored Procedure in VB.Net? Explain.
5. Explain different Binding Controls in detail.
6. Explain No Touch Deployment and XCOPY Deployment in detail.
7. Write down the steps to create a Visual Studio .NET Setup Application.
8. Write a note on Assemblies.
9. Explain the Core of Deployment Using a Bootstrap Loader.
10. Write a note on OleDbCommand and OleDbDataReader in VB.Net.

QUESTION BANK

BACHELOR OF COMMERCE (COMPUTER APPLICATION) (BCCA)

Course: BCCA – III (Semester – V)

Subject: VB.NET

Part - C

(Each question carries **Ten** marks)

UNIT – I

1. Differentiate DOS programming and Windows programming in detail.
2. Explain .Net Framework architecture with suitable diagram.
3. Write short notes on –
 - a. Common Language Specification
 - b. Common Type System
4. Write short notes on –
 - a. MSIL
 - b. Common Language Runtime
5. Explain Visual Basic .NET IDE in detail.
6. Explain various control flow statements in details.
7. Explain various looping statements available in VB.Net with their syntax and example.

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Subject: VB.NET

Part - C

(Each question carries **Ten** marks)

UNIT – II

1. What is structure? Write its syntax and example. Differentiate structure and array in VB.Net.
2. Explain Dynamic Array and ArrayList with suitable example.
3. Explain MessageBox Dialog box in detail.
4. How to build Lookup Tables with Hashtable in VB.Net? Explain.
5. Write down the steps to create the status bar and tool bar in VB.Net.
6. Write down the steps to create and clear the edit box in VB.Net.
7. Explain the properties and methods of following –
 - a. FontDialogBox Control
 - b. PaintDialogBox Control
8. Explain the properties and methods of following –
 - a. OpenFileDialog Control
 - b. SaveDialogBox Control

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Subject: VB.NET

Part - C

(Each question carries **Ten** marks)

UNIT – III

1. Explain menu and context menu in details.
2. What is an error? Explain various types of error available in VB.Net.
3. Explain debugging in detail.
4. What is inheritance? Write a program in VB.Net to demonstrate the concept of inheritance.
5. Write a Windows application using Context Menu to Cut, Copy, Paste Text using Rich Text Box Control.
6. Explain .net framework classes in details.

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Subject: VB.NET

Part - C

(Each question carries **Ten** marks)

UNIT – IV

1. What is database? Explain SQL statement in detail.
2. Explain all the data access components in detail.
3. Explain ADO.Net in detail.
4. Explain properties and methods of DataSet Class.
5. Explain the process of deployment in detail.
6. Write a note on-
 - a. Sql Command
 - b. sqlDataAdapter
 - c. sqldatasetclass
 - d. dataview
7. Write a windows application to demonstrate the use of Data Grid View in VB.Net.
8. Write a note on
 - a. Data Source Property
 - b. Data member Property