



# DON BOSCO COLLEGE

(Affiliated to the University of Calicut)

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## SECOND INTERNAL EXAMINATION OCTOBER 2015

### THIRD SEMESTER B.Sc. CS

#### BCS3BO5: VISUAL PROGRAMMING USING VB.NET

Time : 3hours

Total Marks :80

#### *Part -A*

*Answer all questions*

*Each carries 1 mark*

1. Which of the following converts the expression to Date data type in VB.NET?  
(A) CBool (expression)                      (B) CByte (expression)  
(C) CChar (expression)                      (D) CDate (expression)
2. Name an entry point method of VB.NET program?
3. Name a basic data type in VB.NET?
4. What converts the expression to Double data type in VB.NET?
5. Which access modifier specifies that an attribute at the beginning of a source file applies to the entire assembly?
6. True or False: Visual Basic .NET (VB.NET) is an object-oriented computer programming language implemented on the .NET Framework.
7. True or False: All objects do not inherit from the base class Object.
8. Which of the following access modifier is used in generic interfaces and delegates?
9. Which access modifier specifies that a variable or property can be read but not written?
10. Keyword to declare and define one or more constants?

**(10\*1 =10 marks)**

#### *Part - B*

*Answer all questions*

*Each carries 2 marks*

11. What is Metadata?
12. What is the difference between VB and VB.Net?
13. What is namespace?



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14. Which namespace are used for accessing the data?
15. What is an assembly and its use.
16. What are the different types of assembly?
17. What is the difference between Namespace and Assembly?
18. What is jagged array?

**(8\*2 =16 marks)**

## *Part – C*

*Write short essay on any six*

*Each carries 4 marks*

19. What is Global Assembly Cache (GAC)?
20. What is ReDim keyword and its use?
21. What are Option Strict and Option Explicit?
22. What are all the differences between Dispose and Finalize()?
23. What is Garbage Collection?
24. What are the types of generations in garbage collector?.
25. What is the difference between System.String and System.StringBuilder classes?
26. What is the difference between Dataset and Datareader?
27. What is Global Assembly Cache (GAC)?

**(6 \*4=24 marks)**

## *Part — D*

*Write essays on any three*

*Each carries 10 marks*

28. Explain the difference between Integer.Parse and CInt in VB.NET?
29. What is the use of shared variable in vb.net? Explain with examples
30. How do you migrate a large app from Visual Basic 6.0 to VB.NET?
31. Under what circumstances are these used?

(A) ToString() (B) CStr(var) (C) CType(var, String) (D) DirectCast(var, String)

**(3\*10 =30 marks)**