

Roll No. ....

Total No. of Questions : 11]

[Total No. of Printed Pages : 8

**B.C.A. 6th Semester (New)  
Examination April/May, 2017**

**UN-223**

**NET TECHNOLOGY**

**Paper : III**

**Time : 3 Hours]**

**[Maximum Marks : 85**

**Note :-** All questions are compulsory.

**Section-A**

**(Objective Type Questions)**

**1×15=15**

1. (i) The full form of ADO is :

- (a) Active Drag Object
- (b) Adapter Data Object
- (c) Active Data Object
- (d) None of these

**S-223**

( 1 )

Turn Over

(ii) XML is used for :

- (a) To outsource data
- (b) To integrate with data file
- (c) To maintain table
- (d) To retrieve database

(iii) Which of the following is the root of the .NET type hierarchy ?

- (a) System.Object
- (b) System.Type
- (c) System.Base
- (d) System.Parent

(iv) In ASP.NET application DLL files are stored in :

- (a) App\_Code
- (b) App\_Data
- (c) Bin
- (d) App\_LocalResources

**S-223**

( 2 )

- (v) The execution engine of .net is called :
- (a) CLR (b) CLS  
(c) CTS (d) MSIL
- (vi) Calendar is :
- (a) Data Control  
(b) Rich Control  
(c) Validation Control  
(d) None of these
- (vii) Validation control displays error messages using which of the following method ?
- (a) Inline <http://www.onlinebu.com>  
(b) Summary  
(c) In place and summary  
(d) All of these
- (viii) Extension of asp file :
- (a) .Aspx (b) .Asp  
(c) .DLL (d) None of these

<http://www.onlinebu.com>

- (ix) The ..... command is used to write output to a browser.
- (a) Response.write  
(b) Request.write  
(c) Document.write  
(d) None of these
- (x) Which namespace is used for ADO.Net Connectivity Architecture ?
- (a) Using System.data  
(b) Using System.data.OleDb  
(c) Using System.web  
(d) Using System.Web.UI
- (xi) ..... is a property common in every Validation Control.
- (a) Control to validate  
(b) Max Range  
(c) Control to compare  
(d) Operator

**Section-B**

**(Short Answer Type Questions) 5×5=25**

(xii) The following are the minimum requirement to run Asp.net pages :

- (a) Java virtual machine
- (b) Common Language Runtime
- (c) Windows explorer
- (d) None of the above

(xiii) Which of the following denote the web control associated with table control function of ASP.Net ?

- (a) DataSet
- (b) TableRow
- (c) Listbox
- (d) All of these

(xiv) Which of the following language can be used to write server side scripting in ASP.Net ?

- (a) C#
- (b) C
- (c) VB
- (d) Java

(xv) XSL stands for :

- (a) SML Style Language
- (b) Extended Stylesheet Language
- (c) Extensible Stylesheet Language
- (d) None of these

2. What do you understand by .NET ? Explain with its features.

*Or*

Explain MSIL in brief. Also write its feature and benefits.

3. What are the applications of Validation Controls ? Explain with example.

*Or*

Demonstrate the use of file upload control in web form.

4. Write a short note on Connection Class with example.

*Or*

Explain the difference between connected and disconnected Architecture.

5. Write about writing and reading datasets into XML.

*Or*

Write short notes on the following :

- (i) SOAP
- (ii) Web application deployment

6. Describe delegates and Reflection in C# with example.

*Or*

What are language feature of C# ? Define Boxing and unboxing with example.

**Section-C**

**(Long Answer Type Questions)** 9×5=45

7. Give architecture of .NET framework. Also describe various components of .NET framework.

*Or*

Describe CLR.Net architecture. Explain its feature with diagram. <http://www.onlinebu.com>

8. Describe Rich Controls in .Net with its properties.

*Or*

Write a note on State management. Define different state management used in web service.

9. Describe the procedure of access database with ADO.NET. Explain the advantages and drawbacks of using ADO.Net

*Or*

Create a web page that demonstrates the use of Grid view control.

10. Write a detailed note on web service description language.

*Or*

Describe Soap and Remote method call using XML web service.

11. Explain the Structure of C# Program ? Differentiate C# and Java.

*Or*

What is Reflection ? How can we serialize and deserialize an object ? Explain with example.

<http://www.onlinebu.com>

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से