

OR

Third Year B.C.A (Semester - I) Examination**Paper - 15BCA303****ASP.NET Using C#.NET**

Time : Three hours]

[Full Marks - 60

- Q.11 a) Explain the concept of connected data access and disconnected data access in ADO.NET 5
- b) Explain :- 6
- DataSet
 - DataReader

- N.B. :**
- All questions carry equal marks
 - Due credit will be given to neatness & adequate dimensions.
 - Illustrate your answer with the help of neat sketches, wherever necessary.
 - Use Blue/Black ink/refill only for writing the answer book.

- Q.1 Select the correct alternative and rewrite the following statements. 5
- Which of the following is NOT an Integer.
 - Char
 - Byte
 - Short
 - Long
 - "A mechanism that binds together code and data in manipulates, and keeps both safe from outside interface and misuse. In Short it isolates a particular code and data from all other codes and data. A well-defined interface controls the access to that particular code and data"
 - Abstraction
 - Polymorphism
 - Inheritance
 - Encapsulation
 - Which of the following is not an ASP.NET page event.
 - Init
 - Load
 - Import
 - Render
 - Which is the mandatory property for all validation controls
 - ControlToValidate
 - Message
 - EnableClientScript
 - EnableServerScript

- v) Which ado.net class provide disconnected environment.
 1) DataReader 2) DataSet
 3) Command 4) None of the above

- Q.2 a) WAP in C# for String class using its following methods. 6
 i) CompareTo ii) Starts With iii) To Upper ()
 b) Explain the compilation and execution process of C# programs. 5

OR

- Q.3 a) Explain the following programming constructs in C# with example. 5
 i) if-else ii) for
 b) Explain the following types of Arrays in C# with suitable example. 6
 i) Single dimensional ii) jagged Array

- Q.4 a) Explain the following Exception handling concept of C#. 6
 i) try ii) catch iii) finally
 b) Explain how Interfaces are achieved the concept of multiple inheritance in C# programming using example. 5

OR

- Q.5 a) Explain the concept of Inheritance in C# with example of Multilevel inheritance. 5
 b) Explain the following. 6
 i) Compile time polymorphism
 ii) Run time polymorphism

- Q.6 a) Explain the page life cycle events of ASP.NET in detail. 6
 b) Explain the various file types in ASP.NET. 5

OR

- Q.7 a) Explain the following ASP.NET coding models. 6
 i) Single page coding model
 ii) Code behind page model
 b) Explain the ASP.NET web page syntax in detail. 5

- Q.8 a) Explain the following ASP.NET web controls with examples. 6
 i) Button ii) TextBox iii) Label
 b) WAP in ASP.NET to compare or to check whether the password and re-type password. Which is entered in text box is correct or not. 5

OR

- Q.9 a) Explain the following ASP.NET validation controls with examples. 6
 i) Required Field Validator
 ii) Range Validator
 iii) Compare Validator
 b) WAP in ASP.NET web form to create student registration form. 5

- Q.10 a) Explain the architecture of ADO.NET 5
 b) Explain the following Data Controls in ADO.NET with details. 6
 i) Grid View ii) Details View