

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

Time : Three hours]

[Full Marks - 60

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

Q.1 Select correct alternatives and rewrite the following statements. 5

- a) Valid size of Float datatype is ?
 - i) 10 Bytes
 - ii) 6 Bytes
 - iii) 4 Bytes
 - iv) 8 Bytes
- b) The data members of a class by default are.
 - i) Protected
 - ii) Public
 - iii) Private
 - iv) All of the above
- c) Which of the following web server control display static text that can change at runtime.
 - i) Hyperlink
 - ii) Text box
 - iii) Label
 - iv) None
- d) File extension used for ASP.Net files is _____.
 - i) Web
 - ii) .ASP
 - iii) .ASPX
 - iv) None
- e) _____ object can hold more than one rowset from the relationship between them.
 - i) Data Adapter
 - ii) Data Reader object
 - iii) Ole DB connection object
 - iv) Data set object

- Q.2 a) Explain the compilation & execution process of C# program. 5
 b) Write short notes on. 6
 i) Arrays
 ii) String

OR

- Q.3 a) Explain jumping statement in C# with proper example. 5
 b) Write a program in C# to accept user name & display "Welcome" message. 3
 c) Explain for iteration in C# with proper example. 3

- Q.4 a) Explain need of exception handling in C# program with an example. 5
 b) What is Polymorphism? And explain types of polymorphism. 6

OR

- Q.5 a) Write a program to demonstrate the concept of class and object. 3
 b) How to define Code Reusability in C#. 3
 c) Explain the concept of Interface with example. 5

- Q.6 a) Explain structure of ASP.Net web application. 5
 b) Explain the following ASP.Net directives. 4
 i) @ page ii) @ control
 c) Explain single page ASP.Net coding models. 2

OR

- Q.7 a) Explain ASP.Net application Life cycle. 5
 b) Explain any six ASP.Net features. 6

- Q.8 a) Explain the following web server controls in ASP.Net with example. 6
 i) Drop Down List
 ii) Radio Button
 b) Write a ASP.Net program using Range validation control to check the age of student whether he/she eligible for vote or not. 5

OR

- Q.9 a) Define validation? Write a ASP.Net program for required field validator. 5
 b) Explain ListBox Control? And if List of employees is available in listbox. Write an application to add selected an all record from listbox (assume multiline property of textbox is true) 6

- Q.10 a) Explain :- 6
 i) Connected data access in ASP.Net
 ii) Disconnected data access in ASP.Net
 b) Compare GridView and DetailsView in ADO.Net 5

OR

- Q.11 a) Explain various Data Provider in ADO.Net. 5
 b) Explain the following Data Controls in ADO.Net 4
 i) Repeater
 ii) Data List
 c) Explain DataSet in ADO.Net 2
