



**Vidya Pratishthan's
INSTITUTE OF INFORMATION TECHNOLOGY, BARAMATI**

Advance Development Technology

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Sr. No.	Question	Page No
1.	Explain .Net Framework in detail	
2.	Explain ASP .Net Architecture with suitable diagram	
3.	Explain the following concepts <ul style="list-style-type: none"> a. CLR b. CLS c. CTS d. FCL / BCL e. Assemblies f. Type Casting in C# g. Event h. Inheritance i. Interfaces j. Array in C# k. For loop and foreach loop in C# with proper example. l. Cultures and Generics m. Serialization n. Threading in C# o. Windows Form Security 	
4.	Explain the following concepts within 20 lines only <ul style="list-style-type: none"> a. AJAX b. Cloud Computing c. WCF d. WPF e. Silverlight f. HTML 5 g. J-Query h. Scripting Language i. SQL Server j. Big Database 	
5.	Explain the difference between interface and inheritance.	
6.	Explain the difference between ASP and ASP .Net	
7.	Explain the concept of processing of an application in .Net	
8.	Explain ADO.NET Architecture.	
9.	Explain difference between ASP and ASP.Net.	
10.	Explain Validation Controls with proper example.	
11.	Explain Client Side State Management techniques with example.	

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12.	Explain Server Side State Management techniques with example.	
13.	Explain Exception handling in ASP .Net with insert, update, display and delete record example.	
14.	Explain the following controls with methods and properties <ol style="list-style-type: none"> a. Ad Rotator b. Radio button List c. File Upload d. Image Map e. Calander f. Wizard g. View and Multiview h. Check Box list i. Dropdownlist j. Radio button list k. Tree view l. Login 	
15.	Explain use of template field in Gridview Data Controls. How to use Checkbox in Gridview control?	
16.	Explain the difference between themes and .css file.	
17.	Explain the difference between Response.Redirect and Server.Transfer with proper example.	
18.	Explain the difference between Authentication and Authorization.	
19.	Explain the difference between ADO .net connected and disconnected architecture.	
20.	The difference between ASP.NET GridView, DataList, the Repeater, FormView, DetailsView in ASP .Net.	
21.	Create theme for Textbox, Buttons, Label and Gridview control and apply it to registration form considering convenient fields.	
22.	What is Web Service? Explain the steps and code to create and consume_web service.	
23.	Design GUI and write code for following : <ol style="list-style-type: none"> (a) Add New Record (b) Delete Record (c) Edit Record (d) Use Disconnected Architecture Table Name - Student (sno, sname, sdob, quailification, address) SQL Server - College	

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	Server Name – UOP	
24.	<p>Design a form and write code to :</p> <p>(a) Populate and display item's names in a dropdown list.</p> <p>(b) Select a item from dropdown list and display its details in underlying text boxes.</p> <p>(c) Add a record.</p> <p>(d) Delete selected record.</p> <p>(e) Edit selected record.</p> <p>Use connected architecture.</p> <p>Name of Table : ItemMaster (ItemNo, Name, Description, Unit of Measure, Price)</p> <p>Name of Server : MyAspDB (SQL Server)</p>	
25.	<p>Design Interface and write code for the following :</p> <ul style="list-style-type: none"> - Add a new record - Delete a record - Edit a record - Use gridview to display records - Use connected architecture - Name of Database : Inventory <p>Name of Table : Product (Product ID, Desc, Rate, Stock)</p> <p>Server : SQL Server</p> <p>Server Name : ABCD</p>	
26.	<p>Create an application that will display data of Country, State, Districts and Taluka from XML file to Gridview control.</p>	
27.	<p>Write a code for ADO .net database program (insert and delete only) that will accept connection string from web.config file.</p>	
28.	<p>Create an application using FileUpload Control, which will upload your photo, and display it in a Image Control and also display File Type, File Size and File Name on single label control. The file type must be image only and file size should not exceed 1 MB.</p>	
29.	<p>Design interface and write code for the following :</p> <p>Add a record</p> <p>Delete selected record</p> <p>Edit selected record</p> <p>Display all records in Gridview Control. Select record from grid for editing and deleting a record. Use Connected Architecture.</p> <p>Name of Table : Customer</p>	

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	Name of Server : MyAspDb (SQL Server) User id is MCA Password is nopass	
30.	Design a form and write code to : (a) Add New Record (b) Delete Selected Record (c) Edit Selected Record (d) Use Gridview Control to Display Records Make use of connected architecture. Name of Table : Books (BookId, BookName, Author, Price, Publisher)	
31.	Design a GUI for login page. Make use of database to validate user login. Display welcome page for successful login and error page if login failed.	
32.	Create and explain web.sitemap file. And use it by making use of treeview control.	
33.	Write a short note on <ol style="list-style-type: none"> a. Web Services b. AJAX c. Namespace d. Exception Handling e. Testing web application f. Complex Data Binding g. Data Sets h. Web.config file i. Master Pages j. Authentication and Authorization k. Deploying Web Application 	