

Q3. Answer the following questions:

- a. Discuss in detail the architecture of .Net framework with appropriate diagram. [6]
- b. Explain ASP.NET page life cycle in detail. [6]

OR

- b. Write a detailed note on web service architecture. [6]

Q4. Answer the following questions:

- a. Explain Button, Label, Listbox, Textbox, Hyperlink and AdRotator controls in details with their major properties and events. [6]
- b. List validation controls and explain any three of them in detail with appropriate examples. [6]

OR

- b. Write a detailed note on master page. [6]

Q5. Answer the following questions:

- a. Draw and explain ADO.NET architecture in detail. [6]
- b. List and explain in detail any three data controls of ASP.NET with their major properties and events. [6]

OR

- b. Write code snippet for (i) Select, (ii) Insert and (iii) delete operation for student table inside institute database with columns(idno primary key, name, course, sem). Assume all columns have varchar data type in table. [6]

Q6. Answer the following questions:

- a. Write a detailed note on MVC architecture. [6]
- b. Explain architecture of Silverlight with its major components. [6]

OR

- b. Mention the steps to create a Silverlight project. [6]

Q3. Answer the following questions (Any seven):
a. Explain the use of IsPostBack event in detail.
b. State full form of (i) UDDI and (ii) WSDL also state its use for each.
c. Explain the use of session variables with example.
d. Discuss the main uses of (i) Hidden field and (ii) File upload control.
e. Differentiate between server and client controls.
f. Differentiate between DataSet and DataAdapter.
g. Explain SqlCommand and SqlConnection object in detail.
h. List any two advantages of using MVC.
i. Mention the names of tools for development of Silverlight applications.