

DETAILED SYLLABUS

Exercise

PART- A

1. Accept a character from console and check the case of the character.
2. Write a program to accept any character from keyboard and display whether it is vowel or not.
3. Write a program to implement a calculator with memory and recall operations.
4. Develop a form in to pick a date from Calendar control and display the day, month, and year details in separate text boxes.
5. Develop a application using the File and Directory controls to implement a common dialog box
6. Develop a database application to store the details of students using ADO.NET
7. Create a simple ASP.NET page to Output Text with a form, two HTML text boxes, an HTML button, and an HTML element. Create an event procedure for the button.

PART B

1. Develop a menu based application to implement a text editor with cut, copy, paste, save and close operations with accessing and shortcut keys.
2. Develop an application to perform timer based quiz of 5 questions.
3. Develop a database application using ADO.NET to insert, modify, update and delete operations.
4. Develop a application using Datagrid to add, edit and modify records.
5. Develop a web application to input data through a web form to a database and validate the data. Use the Required Field Validator and RangeValidator Controls.
6. Develop a Window application to read an XML document containing subject, mark scored, year of passing into a Dataset
7. Develop a Window application to read students records from Database using ADO.NET and generate XML document containing students records

BOARD EXAMINATION

Note:

One from PART-A and one from PART-B

DETAILED ALLOCATION OF MARKS

| | |
|--|-----------|
| Writing answer for any one program from PART - A | 20 Marks |
| Writing answer for any one program from PART - B | 25 Marks |
| Executing program (PART – A) | 20 Marks |
| Executing program (PART – B) | 20 Marks |
| Result (PART – A) | 5 Marks |
| Result (PART – B) | 5 Marks |
| VIVA - VOCE | 5 Marks |
| TOTAL | 100 Marks |

LIST OF EQUIPMENTS

| HARDWARE REQUIREMENT | SOFTWARE REQUIREMENT |
|---|--|
| 1.Desktop Computers – 30 Nos 2. Printer – 1 No | 1.Visual Studio 2008/2012/2013/2015 2.Microsoft SQL Server 2005/2008 or above |