



Date: 11-11-2024

Dept. No.

Max. : 100 Marks

Time: 09:00 am-12:00 pm

**SECTION A - K1 (CO1)**

<b>Answer ALL the Questions -</b>		<b>(10 x 1 = 10)</b>
<b>1.</b>	<b>Definitions</b>	
a)	Polymorphism	
b)	Inheritance	
c)	Multidimensional array	
d)	Data binding	
e)	Validation control.	
<b>2.</b>	<b>MCQ</b>	
a)	Web.config file is used for _____. A. Configures the time that the server-side code behind module is called. B. To store the global information and variable definitions for the application. C. To configure the web server. D. To configure the web browser.	
b)	Which of the following statement is used to define a class in visual basic? A. Event class statement B. Class statement C. Form class statement D. Event statement	
c)	What class does the ASP.NET Web Form class inherit from by default? A. System.Web.UI.Page B. System.Web.UI.Form C. System.Web.GUI.Page D. System.Web.Form	
d)	Attribute must be set on a validator control for the validation to work A. ControlToValidate B. ControlToBind C. ValidateControl D. Validate	
e)	Which of the following applications can be developed using Visual Basic tool? A. Graphical User Interface B. Real time C. Character User Interface D. String User Interface	
<b>SECTION A - K2 (CO1)</b>		
<b>Answer ALL the Questions</b>		<b>(10 x 1 = 10)</b>
<b>3.</b>	<b>Fill in the blanks</b>	
a)	_____ allows us to create a new class from an existing class.	

b)	A derived class that inherits from only one base class is called as _____.
c)	_____ is used to get user input.
d)	A _____ is a special method that is used to initialize objects.
e)	The variables that does not change the value during execution of program is called as _____.
<b>4.</b>	<b>True or False</b>
a)	The break statement is used to terminate the loop or statement in which it is present.
b)	Switch statement is an alternative to long if-else-if ladders.
c)	ListBox is used to create a dropdown list control
d)	ControlToValidate takes the ID of control to validate.
e)	A basic class that inherits from two or more base classes is called multi-level inheritance.

### **SECTION B - K3 (CO2)**

**Answer any TWO of the following** **(2 x 10 = 20)**

5. Identify and write about the Framework Class Library.
6. Construct a program to illustrate inheritance concept in C#.
7. Identify and write about the different types of operators used in C#.
8. Select any FIVE data controls and its properties.

### **SECTION C – K4 (CO3)**

**Answer any TWO of the following** **(2 x 10 = 20)**

9. Distinguish Data Adapter and Data Binding
10. Inference validation controls with examples.
11. Classify and explain List controls.
12. Analyse file stream class with sample code.

### **SECTION D – K5 (CO4)**

**Answer any ONE of the following** **(1 x 20 = 20)**

13. Explain the .NET framework architecture with a neat diagram.
14. Criticize the Rich controls in ASP.NET.

### **SECTION E – K6 (CO5)**

**Answer any ONE of the following** **(1 x 20 = 20)**

15. Develop a C# program to check an element present in an array or not by using required control
16. Design a web application to maintain Library records. The data must be retrieved from the database.

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