

P P SAVANI UNIVERSITY

Fifth Semester of B. Tech. Examination

December 2022

SECE3511 Programming with .NET

06.12.2022, Tuesday

Time: 10:00 a.m. To 12:30 p.m.

Maximum Marks: 60

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION - I

Q - 1	MCQ/Short Question/Fill in the Blanks (Any Five)	[05]	CO	BTL
(i)	Define Namespace.		2	1
(ii)	Give the full form of CLR		1	1
(iii)	Explain indexer.		2	1
(iv)	Define assemblies.		1	1
(v)	Write down modifier properties in c#.		2	1
(vi)	Write down the use of attributes in C#.		2	1
(vii)	What is Reflection in C#?		2	1
Q - 2 (a)	Draw and explain .Net framework in detail.	[05]	1	2
Q - 2 (b)	Explain function overloading in detail.	[05]	2	3

OR

Q - 2 (a)	List out and explain code debugging and exception handling in detail.	[05]	3	1
Q - 2 (b)	Explain operator overloading in detail.	[05]	2	3
Q - 3 (a)	Explain string manipulation functions with example.	[05]	3	3
Q - 3 (b)	Write C# code to convert infix notation to postfix notation.	[05]	3	3

OR

Q - 3 (a)	Explain inheritance in detail.	[05]	2	2
Q - 3 (b)	Explain destructor with example.	[05]	2	3
Q - 4	Attempt any one.	[05]	3	1
(i)	Write a short note on Base class library.		2	3
(ii)	Explain constructor with example.			

SECTION - II

Q - 1	MCQ/Short Question/Fill in the Blanks (Any Five)	[05]		
(i)	Choose the base class for string() method: a) System.Array b) System.char c) System.String d) None of the mentioned		1	1
(ii)	Where does the form's Text Property appear? a) Title bar b) In Text box in the form c) Caption bar d) Text bar		1	1
(iii)	What is the fully qualified name of the base class of all server controls? a) System.Web.UI.Control b) System.Web.UI c) System.Control d) All of the above		1	1
(iv)	ASP.NET is a ____. a) Client-Side technology b) Server-side technology c) Both d) None		1	1

(v)	Which is the correct basic syntax of the Assembly directive?	2	2
	a) <%@ Assembly @ Name="myassembly" %>		
	b) <%@@ Assembly Name ="myassembly" %>		
	c) <%@ Assembly Name ="C# myassembly" %>		
	d) <%@ Assembly Name ="myassembly" %>		
(vi)	The SessionIDs are stored in ___ by ASP.Net?	1	1
	a) Cache b) Server c) Database d) Cookies		
(vii)	What is the return type of IsPostBack property?	1	1
	a) Integer b) Boolean c) Float d) All		
Q - 2 (a)	Enlist windows controls and explain any three.	[05]	2 1
Q - 2 (b)	Explain the concept of cookie in web application.	[05]	3 2
	OR		
Q - 2 (a)	Write a short note on CheckBox and RedioButton.	[05]	4 2
Q - 2 (b)	What is viewstate? Explain with example.	[05]	1 2
Q - 3 (a)			
Q - 3 (b)	Explain ASP.NET page life cycle.	[05]	1 1
	Difference between HTML Controls and ASP Controls.	[05]	3 4
Q - 3 (a)			
	OR		
Q - 3 (b)	Create your own Windows form with event and controls to the building class.	[05]	6 6
Q - 4	Attempt any one.	[05]	
(i)	Explain ADO.NET Architecture with Diagram.		5 1
(ii)	Write a windows form program to display "Welcome to PPSU" in message box when you click on a button.		6 6

CO : Course Outcome Number BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply
4: Analyze	5: Evaluate	6: Create