Reg. No. | | | | | | | |

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.

UG DEGREE END SEMESTER EXAMINATIONS - NOVEMBER 2024.
(For those admitted in June 2021 and later)

PROGRAMME AND BRANCH: B.C.A.

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
V	PART – III	CORE	U21CA506	.NET

Date & Session: 05.11.2024 / FN   **Time : 3 hours**   **Maximum: 75 Marks**

Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer ALL Questions.
CO1	K1	1.	Which of the following is a primary component of the .NET Framework? a) ASP.NET b) C# c) CLR d) Visual Studio
CO1	K2	2.	What does IIS stand for in the context of ASP.NET? a) Internet Information Services b) Internet Integration Services c) Integrated Internet Server d) Information Internet Services
CO2	K1	3.	Which control is used to validate user input in ASP.NET? a) Button Control b) Validation Control c) Label Control d) Image Control
CO2	K2	4.	What is the purpose of CSS in web development? a) To structure HTML content b) To style HTML elements c) To manage database connections d) To handle user sessions
CO3	K1	5.	Which of the following is a method for maintaining state in an ASP.NET application? a) View State b) URL Rewriting c) HTTP Headers d) Session State
CO3	K2	6.	What is the purpose of using Cookies in state management? a) To store session data on the server b) To track server performance c) To store user preferences on the client-side d) To manage server-side sessions
CO4	K1	7.	What is ADO.NET primarily used for? a) Web services creation b) Data access in .NET applications c) File I/O operations d) Session management
CO4	K2	8.	Which of the following is a data-bound control in ASP.NET? a) TextBox b) Button c) DataGrid d) Label
CO5	K1	9.	What does XML stand for? a) Extended Markup Language b) Extra Markup Language c) eXtensible Markup Language d) External Markup Language
CO5	K2	10.	What is the purpose of XSD in XML? a) To style XML data b) To define the structure of XML data c) To convert XML to HTML d) To encrypt XML data

Course Outcome	Bloom's K-level	Q. No.	SECTION – B (5 X 5 = 25 Marks) Answer ALL Questions choosing either (a) or (b)
CO1	K3	11a.	Show the advantages of .NET framework. **(OR)**
CO1	K3	11b.	How would you explain about Common Language Runtime and Just-in-Time compilation?
CO2	K3	12a.	Illustrate with example Login Control. **(OR)**
CO2	K3	12b.	Write in your own words about Data Control.
CO3	K4	13a.	What is a Session? Clarify Session State Management. **(OR)**
CO3	K4	13b.	What are Cookies? Discuss with example.
CO4	K4	14a.	Discuss Data List control with example. **(OR)**
CO4	K4	14b.	Discuss Repeater control with example.
CO5	K5	15a.	What is Caching in ASP.Net? Explain. **(OR)**
CO5	K5	15b.	How will you ensure security in ASP.Net applications?

Course Outcome	Bloom's K-level	Q. No.	SECTION – C (5 X 8 = 40 Marks) Answer ALL Questions choosing either (a) or (b)
CO1	K3	16a.	How would you explain about .Net framework? Show the main features of .Net framework. **(OR)**
CO1	K3	16b.	How would you explain about ASP.NET? Show the advanced features of ASP.NET.
CO2	K4	17a.	What are web controls in ASP.NET? Clarify with example any two web controls. **(OR)**
CO2	K4	17b.	What is the difference between inline, internal, and external CSS, and when should each be used?
CO3	K4	18a.	Investigate Error handling in ASP.Net. **(OR)**
CO3	K4	18b.	How Ajax works in ASP.Net? Explain with example.
CO4	K5	19a.	What is Data Binding? Discuss any two binding methods with an example. **(OR)**
CO4	K5	19b.	What is ADO.Net? Discuss connecting with a Database using ADO.Net.
CO5	K5	20a.	Discuss about the web services protocols and standards. **(OR)**
CO5	K5	20b.	Discuss in detail the role of XML schema in building SOAP web services.