

(For the candidates admitted from 2021 Onwards)
M.Sc Degree Examinations, November 2023
Computer Science
Third semester
VISUAL PROGRAMMING

Time: 3 hours

Maximum: 50 Marks

PART A [10 X 1 = 10 Marks]

Answer All Questions (Choose the Best Answer)

			K	CO
1	Which of the following is to convert the managed code into native code and then execute the code?		CO-1	K-1
	a FCL	b CTS		
	<input checked="" type="radio"/> c CLR	d CLS		
2	.Net CLR is equivalent to?		CO-1	K-2
	a Common language system	b Common type system		
	<input checked="" type="radio"/> c Common language runtime	d Java virtual machine		
3	Which of the following is used to preserve the value of a local variable by making the variable as?		CO-2	K-2
	<input checked="" type="radio"/> a private	b public		
	c static	d protected		
4	_____ cannot be inherited or overloaded.		CO-2	K-2
	a Destructors	b Constructors		
	<input checked="" type="radio"/> c Abstract classes	d Static classes		
5	Which event is activated when a RadioButton is selected?		CO-3	K-3
	a checked	b checkedchanged		
	c selected	<input checked="" type="radio"/> d selectedchanged		
6	A _____ displays a list of items from which user can select one or more items.		CO-3	K-2
	a listbox	b combobox		
	<input checked="" type="radio"/> c checkbox	d scrollbar		
7	The _____ directive defines the attributes specific to the page file for the page parser and the compiler.		CO-4	K-2
	a Import	b Page		
	c Assembly	d Application		
8	_____ event takes additional information from the event source at run time.		CO-4	K-1
	a Command	b Click		
	<input checked="" type="radio"/> c Load	d DoubleClick		
9	Which web server control is used to display advertisements in ASP.NET a webpage?		CO-5	K-2
	a AdRotator	b ImagePane		
	c AdPane	d AdvertC		
10	The _____ is an industry-standard message format that enables message-based communication for Web services.		CO-5	K-2
	a HTTP	<input checked="" type="radio"/> b SMTP		
	c SOAP	d FTP		

PART B [5 X 3 = 15 Marks]				
Answer All Questions				
11	a	What is type casting? What are two forms of type casting? (OR)	CO-1	K-2
	b	Write down the features of C#.Net.	CO-1	K-2
12	a	How to implement encapsulation through access specifiers? (OR)	CO-2	K-3
	b	What are the different ways to create string objects?	CO-2	K-2
13	a	What are controls to add scrollbars on the form? (OR)	CO-3	K-2
	b	Write a brief note on ShowDialog() in VB.Net.	CO-3	K-2
14	a	Compare Array object with ArrayList collection. (OR)	CO-4	K-3
	b	What are web controls and its features in ASP.NET?	CO-4	K-2
15	a	Briefly discuss about the architecture of LINQ. (OR)	CO-5	K-2
	b	Illustrate how do you work in disconnected architecture of ADO.NET.	CO-5	K-4
PART C [5 X 5 = 25 Marks]				
Answer All Questions				
16	a	Discuss about components of .Net framework with a neat diagram. (OR)	CO-1	K-2
	b	Briefly explain the looping constructs in C#.Net.	CO-1	K-2
17	a	Illustrate the use of delegates and its type with examples. (OR)	CO-2	K-3
	b	Write a brief note on exception handling in VB.Net.	CO-2	K-2
18	a	Explain the properties, events and methods of combobox control in VB.Net. (OR)	CO-3	K-2
	b	What are the events related to window forms in VB.Net?	CO-3	K-2
19	a	Discuss any three validation controls in ASP.Net. (OR)	CO-4	K-3
	b	Explain the events and event handlers of calendar rich web control.	CO-4	K-2
20	a	Discuss briefly about how to describe, publish and finding web services (OR)	CO-5	K-4
	b	Explain the classes used in SqlClient namespace.	CO-5	K-2
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