Total No. of Questions: 6

Total No. of Printed Pages:3

Enrollment No	•••••
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Faculty of Engineering

End Sem (Even) Examination May-2018 CS2CO13 Computer Programming - II

Branch/Specialisation: CSE Programme: Diploma

Duration: 3 Hrs. Maximum Marks: 60

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		estions are compulsory. Internated of uld be written in full instead of	al choices, if any, are indicated. Answers of only a, b, c or d.	f Q.1	
Q .1	i.	Which of the following execu	ites .Net code?	1	
		(a) CLS (b) MSIL	(c) CTS (d) CLR		
	ii.	Automatic memory managen	nent in .Net can perform:	1	
		(a) Allocating memory	(b) Releasing memory		
		(c) Implementing finalize	(d) All of these		
	iii.	"A mechanism that binds tog	gether code and data in manipulates, and	1	
		keeps both safe from outside	de interference and misuse. In short it		
		isolates a particular code an	d data from all other codes and data. A		
		well-defined interface control	ols the access to that particular code and		
		data."			
		(a) Abstraction	(b) Polymorphism		
		(c) Inheritance	(d) Encapsulation		
	iv.		be executed even if no exceptions are	1	
		found?			
		• • •	(c) Throw (d) Catch		
	V.		ork Data Provider for SQL Server, an	1	
		application must reference the namespace.			
		(a) System.Data.Client			
		(c) System.Data.Sql			
	vi.	<u> </u>	to fill a DataSet/DataTable with query	1	
		results in ADO.net.			
		(a) DataReader	(b) Dataset		
		(c) DataAdapter	(d) DataTables		

P.T.O.

	vii. What is the last event of web page life cycle?		
		(a) Page_Load (b) Page_LoadComplete	
		(c) Page_Finish (d) Page_Unload	
viii.		What happen in the Web Page when Init event occur?	1
		(a) ViewState is loaded on the page.	
		(b) Each child control of the page is initialized to its design time values.	
		(c) HTML is rendered.	
		(d) None of these	
	ix.	Which of the following works on client side?	
		(a) ViewState (b) HiddenField	
		(c) ControlState (d) All of these	
	х.	Which file you should write for the connection string, so that you can	1
		access it in all the web pages for the same application?	
		(a) In App_Data folder (b) In Web.config file	
		(c) In MasterPage file (d) None of these	
Q.2	i.	Write advantage of .Net over previous language.	2
	ii.	What are the building blocks of .Net?	3
	iii.	What is .Net framework? Briefly explain components of .Net	5
		framework with neat sketch diagram.	
OR	iv.	Write minimum five difference between VB and VB.Net	5
Q.3	i.	What do you mean by form controls? Write properties and events of	4
		minimum four form controls.	
	ii.	What do you mean by assembly? Briefly explain private and shared	6
		assembly.	
OR	iii.	What is Exception Handling? Explain with syntax and example.	6
Q.4	i.	What is multithreading? How it can be implemented in .Net?	4
	ii.	What do you mean by Data Adaptor, Data Set and Data Reader? Write	6
		a code to fill dataset with multiple tables.	
OR	iii.	Write code for the following:	6
		Connection String, Selecting, Insertion, Deletion, Updation, Sorting	

Q.5	i.	Write minimum four differences between ASP and ASP.net.	4
	ii.	What is IIS? Write working of it. Why it is required in web application?	6
OR	iii.	Design a web form using at least six form controls. Also write the properties and events of each used form control.	6
Q.6		Attempt any two:	
	i.	How session management can be achieved in ASP.Net web application? Explain with the help of suitable example.	5
	ii.	Why we use Web.config file? Write a code to bind data with grid control.	5
	iii.	How transaction can be handled in ASP.Net? Explain with example.	5

Marking Scheme

CS2CO13 Computer Programming -II

Q.1	i. ii. iii. iv. v. vi. vii. viii.	 (d) CLR (d) All of the above (d) Encapsulation (b) Finally (b) System.Data.SqlClient (c) DataAdapter (d) Page_Unload (b) Each child control of the page is initialized values. 	to its design time	1 1 1 1 1 1 1
	ix.	(d) All of the above		1
	х.	(b) In Web.config file		1
Q.2	i. ii. iii.	Minimum two advantages 1 marks each Three minimum 1 marks each About .Net Framework Diagram Component	(1 mark * 2) (1 mark * 3) 2 marks 1 mark 2 marks	2 3 5
OR	iv.	Minimum five differences 1 marks each	(1 mark * 5)	5
Q.3	i. ii.	Form Control Meaning Four form controls 0.5 marks each (0.5 mark * 4) About assembly Private assembly	2 marks 2 marks 2 marks 2 marks	2 6
OR	iii.	Shared assembly About exception handling Syntax Example	2 marks 2 marks 1 mark 3 marks	6
Q.4	i. ii.	Multithreading Implementation Detail Data Adaptor, Data Set and Data Reader 1 mark each (1 mark * 3) Code to fill dataset with multiple tables	2 marks 2 marks 3 marks 3 marks	4 6
		Code to fill dataset with multiple tables	Jimarks	

OR	iii.	Code for: 1 mark each	(1 mark * 6)	6
	Connection String, Selecting, Insertion, Deletion, Updation, Sorting			
Q.5	i.	Four differences between ASP and ASP.net		4
		1 mark each	(1 mark * 4)	
	ii.	About IIS	2 marks	6
		Write working of it.	2 marks	
		Requirement of IIS in web application	2 marks	
OR	iii.	Design a web form using at least six form cont	rols. Also write the	6
		properties and events of each used form control.		
Q.6		Attempt any two:		
	i.	Session management	2.5 marks	5
		Example	2.5 marks	
	ii.	Use of Web.config file	2.5 marks	5
		Code to bind data with grid control	2.5 marks	
	iii.	Transaction handling in ASP.Net	2.5 marks	5
		Example	2.5 marks	
