

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May2020

Course: .Net Technologies
Program: BCA
Course Code: CSEG 3010

Semester: VI
Time: 03 hrs
Max. Marks: 100

Instructions:

SECTION A [60 Marks]

S. No.		Marks	CO
Q1	CLR stands for a) Common Language Runtime c) Compiler Language Runtime b) Common Line Runtime d) Compiler Line Runtime	2	CO1
Q2	Which of the following statements correctly define .NET Framework? a) It is an environment for developing, building, deploying and executing Distributed Applications b) It is an environment for development and execution of Windows applications. c) It is an environment for developing, building, deploying and executing Desktop Applications, Web Applications and Web Services. d) It is an environment for developing, building, deploying and executing Web Services.	2	CO1
Q3	Which commands are used to specify settings of an .aspx file? a) Class c) Directives b) Validations d) Events	2	CO1
Q4	In ASP.NET web application configuration settings are defined in.... a) Machine.config c) System.config b) Web.config d) Precompiledapp.config	2	CO1
Q5	Code that targets the Common Language Runtime is known as a) Managed Code c) Unmanaged Code b) Legacy d) Distributed	2	CO1

Q13	To use the .NET Framework Data Provider for SQL Server, an application must reference the..... Namespace. a) System.SqlClient b) System.Data.SqlClient c) System.Data.Sql d) System.SQL.Client	2	CO2
Q14	Which SqlCommand execution returns the number of effected records in the table? a) ExecuteNonQuery b) ExecuteReader c) ExecuteScalar d) None	2	CO2
Q15	Syntax for closing and opening the connection in ADO.net is _____ a) sqlConn.Op() and sqlConn.cl() b) sqlConn.open() and sqlConn.Close() c) sqlConn.Open and sqlConn.Close d) None	2	CO2
Q16	What property contains the actual error message returned by SQL Server? 1. SqlException.Source 2. SqlException.Message 3. SqlError.Class 4. SqlError.Message a) 1,3 b) 1,2,3 c) 2,4 d) 1,4	2	CO2
Q17	Which ADO.NET class provide Connected Environment? a. DataReader b. DataSet c. Command d. None of the above	2	CO2
Q18	Choose the correct option about the Integrated Security property of connection object. a) If Integrated Security=false then User ID, and Password must be specified in the connection string. b) If Integrated Security=true then current Windows account credentials are used for authentication. c) Both A and B option are correct. d) None of the above.	2	CO2

Q19	Which of the following does not have any visible interface? a) Repeater b) Data Grid c) ListView d) FormView	2	CO2
Q20	Which of the following is true? a) DataTable object contain DataRow and DataColumn objects b) DataSet and DataTable can be binary serialized c) DataSet and DataTable can be XML serialized d) All of the above	2	CO2
Q21	A Control, which do not have any event, is a) ListBox b) RadioButton c) Label d) TextBox	2	CO3
Q22	A web page has many input data, and you want the data input to be spread across multiple screens. What is the best control to use to implement this solution on a single Web page? a. ImageMap b. Wizard c. Panel d. None of the above	2	CO3
Q23	What property do you modify on a server control to minimize the size of the ViewState data? a. ViewState="true" b. Set EnableViewState to false. c. Set EnableViewState to true. d. None of the above	2	CO3
Q24	Which validation control in ASP.NET can be used to determine if data that is entered into a TextBox control is of type Currency? a. ValidationSummary b. CompareValidator c. RequiredFieldValidator d. Regular Expression	2	CO3
Q25	How many types of authentication ASP.NET supports? a. Windows Authentication. b. .NET Passport Authentication. c. Forms Authentication. d. All of the above.	2	CO3

Q26	Which object in ASP.NET provides a global storage mechanism for state data that needs to be accessible to all pages in a given Web application? a. Session b. Application c. ViewState d. None of the above	2	CO3
Q27	What are the client-side state management options that ASP.NET supports? a. Application b. Session c. Querystring d. Option a and b are correct	2	CO3
Q28	To kill a user's session explicitly which of the following will you use? a. Session.Close() b. Session.End() c. Session.Abandon() d. Session.Discard()	2	CO3
Q29	Match the following List 1 to List 2 a. Web Form ----- i. .ascx b. Web User Control ----- ii. .asmx c. Web Service ----- iii. .aspx a.) a-iii, b-i, c-ii b.) a-ii, b-i, c-iii c.) a-i, b-ii, c-iii d.) Match not possible	2	CO3
Q30	How will you add a TextBox control at runtime on the form? Choose the correct one. a. <code>TextBox obj = new TextBox(); obj.ID = "txtUserName"; form1.Controls.Add(obj);</code> b. <code>form1.Controls.Add(TextBox);</code> c. <code>this.FindControl.add(TextBox);</code> d. None of the above.	2	CO3
SECTION B [40 Marks]			
Q7	Describe features of .Net framework with its components.	10	CO1

Q8	<p>Explain State Management in .Net applications with the help of an example.</p> <p style="text-align: center;">OR</p> <p>Illustrate the process of testing and debugging of .Net Applications.</p>	10	CO3, CO4
Q9	<p>(a) Elaborate use of AdRotator Control with the help of an example.</p> <p>(b) Define Connection string. How to bind a GridView with database in .Net?</p>	10	CO2, CO3
Q10	<p>Elaborate Validation Controls with example of each.</p> <p style="text-align: center;">OR</p> <p>Discuss in detail the following:</p> <p>a) Infrastructure of web services</p> <p>b) Deployment of ASP.Net applications</p>	10	CO3, CO4