

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 [30 Marks]

S. No.		Marks	CO
Q1	What is CLR? a) Common Language Runtime b) Common Language Rate c) Custom Language Runtime d) Compiler Language Runtime	5	CO1
Q2	_____ is the DataType return in IsPostBack property. a) Bit b) char c) Boolean d) int	5	CO1
Q3	The object used by SQL connection to make Security Demands a) SQLClientPermission b) SQLServerPermission c) SQLClientAttribute d) SQLPermission	5	CO2
Q4	Which SqlCommand execution returns the value of the first column of the first row from a table? a) ExecuteNonQuery b) ExecuteReader c) ExecuteScalar d) None of the above	5	CO2
Q5	Which of the following works on client side? a) View State b) Control State c) Hidden Field d) All of the above	5	CO3

Q6	When the garbage collector runs? a) When IIS restart. b) It runs alternate day c) It runs automatically d) It runs randomly	5	CO3
SECTION B [50 Marks]			
Q7	Explain the compilation process of CLR and mention its components.	10	CO1
Q8	Discuss Connection String and write code for connecting to database for fetching values in GridView control.	10	CO2
Q9	Differentiate between Panel and Placeholder Controls with example of each. OR Discuss AdRotator Control with proper steps and example.	10	CO3
Q10	Explain Validation Controls with examples of each.	10	CO3
Q11	Elaborate process of debugging and deploying .Net Applications.	10	CO4
SECTION-C [20 Marks]			
Q12.	Demonstrate the process of ADO.Net connectivity and its components. Write code to bind DataGrid Control for insert, update and delete operations.	20	CO2