Krantiguru Shyamji Krishna Verma Kachchh University
Post Graduate Diploma in Computer Applications
Semester: II

Paper Code: CCCS207	Total Credit : 6
Title of Paper: Practical Based on CCCS205	Total Marks : 70
	Time : 3 Hrs

Unit	Description	Weighting
	1. Create a Visual Basic .Net program which used to find area of circle. Area = PI * r^2	--
	2. Create a Visual Basic .Net program which used to find area of rectangle. Area of rectangle = l*b	
	3. Create a Visual Basic .Net program which used to find area of Triangle. Area of Triangle =1/2*Base * Height	
	4. Create a Visual Basic .Net program which used to find circumference of circle. circumference of circle = 2 x PI * r	
	5. Create a Visual Basic .Net program which used to find perimeter of rectangle. Perimeter of rectangle=2(l+b)	
	6. Create a .NET program which used to determine that student is pass or fail. Marks of student input by user. As given below. (using If)	
	7. Create a Visual Basic .Net program which used to determine that number is positive or negative or zero. Change the backcolor of textbox based on result.	
	8. Create a Visual Basic .Net program which used to determine that given number is numeric or not? Print result in a label. (Hint: IsNumeric function)	
	9. Create a Visual Basic .Net program which used to determine that input string is valid date or not. (Hint: IsDate)	
	10. Create a .NET program which used to display name of day based on input value by user. For example if user enter 1 then display Sun, 2 then Mon as on. Using if statement.	
	11. Create a .NET program which used to display 1 to 10 in a textbox control Using While Loop	
	12. Create a Visual Basic .Net program which used to display 1 to 10 in a textbox using various Do loop Display using Do while entry controlled as well as exit controlled Display using Do until entry controlled as well as exit controlled	
	13. Create a Visual Basic .Net program which will print even and odd numbers up to given number. Also print sum of even numbers and odd numbers.	
	14. Create an application which allow user to select gender of a student as well as year of student. Display output as given below. Such as Male – SecondYear in a single textbox control.	
	15. For an Employee table containing EmpNo, EmpName & EmpSal, design a form that allows user to go through all employees using suitable button. Also include buttons that show total number of employees and maximum salary. [Use Data Reader]	
	16. For students table, containing Roll, Name and Marks, design a form that allows add, modify and delete operations using suitable buttons. Provide navigation facility to access First, Last, Next & Previous records. Also add searching & sorting facilities on specified columns. [Use BindingSource and BindingNavigator feature]	
	17. Assuming 2 tables – Dept (DeptNo, DeptName) and Employee (EmpNo, EmpName, EmpSal, DeptNo) where each employee belongs to a department. Display list of departments in combo box using complex data binding. When user selects a department,	

	all employees from that department should be displayed in Grid. Also add a "Print" button that displays the list of employees in selected department using crystal report. [Use BindingSource and BindingNavigator feature]	

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Paper Code: CCCS207	Total Credit : 4
Title of Paper: Practical Based on CCCS205	Total Marks : 70
	Time : 3 Hrs

Unit	Description		Total Marks
Unit I to V	Q.1(A) Viva Voce	20	70
	Q.1 (B) Practical	50	