Continuous Assessment Test – II

B.Tech (Information Technology)

ITE1008- Open Source Programming

Slot: B2+TB2   **Duration : 45 mins**
                                                          Marks: 30

PART- A (3 x 10 = 30)
Answer All the Questions

1. Design an HTML form for "Internal Assessment" which contains register number, name of the student, name of the course, CAT-1, CAT-2, DA-1, DA-2, Quiz marks, compute button and display the result in a text field. Write a PHP code that invokes the compute button which will accept user inputs for all assessments and it displays the grade in the result text field based on the average of the five internal assessment components.

2. Design an HTML form for "Employee Pay Slip" which contains Emp no, name of the employee, basic salary and compute button. Write a PHP code for the compute button that will accept user input and calculate DA(5% of basic salary), HRA(3% of basic salary), Income Tax (1% of basic salary), Gross Pay (basic salary + DA + HRA), Net Pay (Gross Pay ‒ Income Tax) and display the Employee Pay Slip in tabular format.

3. A parking garage charges a $2.00 minimum fee to park for up to three hours. The garage charges an additional $0.50 per hour for each hour or part thereof in excess of three hours. The maximum charge for any given 24-hour period is $10.00. Assume that no car parks for longer than 24 hours at a time. Write a PERL script that calculates and displays the parking charges for each customer who parked a car in this garage yesterday. You should input from the user the hours parked for each customer. The program should display the charge for the current customer and should calculate & display the running total of yesterday's receipts. The program should use the function calculate_Charges to determine the charge for each customer. Use a text input field to obtain the input from the user.