

UG Part-3 (General) Examination-2021
Subject-Computer Science
Paper –CMMSG-VIII (Paper-IV Group-B) Practical
Full Mark-50

Attend any two from the following

25 X 2

1.
 - A. Consider the relational tables LOAN(branch_name,loan_no,cust_name,amount) and DEPOSIT (branch_name,account_no,cust_name,balance).Do the following operations using SQL query: 15
 - (i) Create tables using appropriate SQL commands. Define all integrity constraints and enter sufficient data.
 - (ii) Find all customers who have loan or an account or both at branch MATIGARA.
 - (iii) Find all customers who have an account but no loan at SILIGURI branch.N.B.-There is no two customers with same name.
 - B. Write a program in HTML to create the radio buttons- 5
 - ☐ Male
 - ☐ Female
 - C. Write a simple program in visual basic to concat two strings. 5
2.
 - A. Consider the relations PERSON (pnumber, pname, birthdate, income), AREA(aname,area_type). 15
An area can have one or more person living in it , but a person belongs to exactly one area. The attribute 'area_type' can have values as either urban or rural.
 - (i) List the names of all people living in Alandi area.
 - (ii) List details of all people whose names start with the alphabet K .
 - (iii) Give the count of people whose income is greater than 15000.
 - B. Write a simple program in HTML code to generate a simple login form. 10
3.
 - A. Consider the relations Sales_order(s_order_no,s_order_date), Client(client_no,name, address). 15
A client can give one or more sales_orders , but a sales_order belongs to exactly one client. Create the Relations accordingly
 - (i) insert 2 client records into client table
 - (ii) insert 3 sales records for each client
 - (iii) Delete the record of client 'SHAMAL'.
 - B. Write a program in visual basic to count the number of characters in a string. 10
4.
 - A. Consider the relation: EMP(e_no,e_name,basic_salary,job_type,dept_no,dept_name) and do the following operations on it using SQL query: 15
 - (i) Create the relational table.
 - (ii) Display information of employees who do not work in the department where employee 'SUJAY' works.
 - (iii) Display the name of employees whose basic salary is highest.
 - B. Create an html page with red background with a message "warning" in large size . Add scrolling text "read the message" below it. 10