

# Skill test in connection with the direct recruitment of Computer Assistant in the Principal Seat of the Gauhati High Court.

Date : 09-09-2023

## Practical Questions ( Time 30 min )

**Q1. . Write a PHP program that simulates a database connection and throws an exception if it fails.**

Sample output : An error occurred: Failed to connect to the database.

**Q2. Write a C program to return the absolute value of a long integer.**

Test Data and Expected Output :

Input 1st number (positive or negative) : 25

Input 2nd number (positive or negative) : -125

The absolute value of 1st number is : 25

The absolute value of 2nd number is : 125

**Q3. Using Mail Merge, write a letter inviting 5 friends to your Birth day Party? ( USE MS Access )**

**Q4. The following are the marks obtained by the students of B.E in three subjects :( MS Excel )**

Roll No	Name	Eng	Management	Accounts
1011	Pravalika	50	90	80
1012	Aryaman	40	80	60
1013	Akrosh	38	70	75
1014	Prajaktha	80	60	68
1015	Trisha	84	57	84

**Using Conditional Formatting list out students who scored:**

a) Less than 50 in ENG b) More than 65 in Management c) Between 60 and 80 in Accounts.

**Q5. Write a code to send an email using PHP ( PHPMailer ) and a gmail account from localhost?**

**Q6. Create a Supplier table as shown below : (for questions from 1 to 10) ( RDBMS ) ( Primary Key is Sup\_no) using Postgres RDBMS .**

Sup_No	Sup_Name	Item_Supplied	Item_Price	City
S1	Suresh	Keyboard	400	Hyderabad
S2	Kiran	Processor	8000	Delhi
S3	Mohan	Mouse	350	Delhi
S4	Ramesh	Processor	9000	Bangalore
S5	Manish	Printer	6000	Mumbai
S6	Srikanth	Processor	8500	Chennai

1. Write sql query to display Supplier numbers and Supplier names whose name starts with 'R'

2. Write sql query to display the name of suppliers who supply Processors and whose city is Delhi.
3. Write sql query to display the names of suppliers who supply the same items as supplied by Ramesh.
4. Write sql query to increase the price of Keyboard by 200.
5. Write sql query to display supplier numbers, Supplier names and item price for suppliers in Delhi in the ascending order of item price.
6. Write sql query to add a new column called CONTACT NO.
7. Write sql query to delete the record whose item price is the lowest of all the items supplied .
8. Create a view on the table which displays only supplier numbers and supplier names.
9. Write sql query to display the records in the descending order of item price for each items supplied.
10. Write sql query to display the records of suppliers who supply items other than Processor or Keyboard

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