

UCCC & SPBCBA & SDHG COLLEGE OF BCA AND IT
CLASS: F.Y.B.C.A. (SEM-I)
SUBJECT: Practical-(105) Data Processing and Analysis
A.Y.2025-26
Journal

Sr. No.	Particular	Page No.	Sign.
1	Create a Sheet for Monthly Sales Report of Employee (employee number, Employee Name, Salary, Sales Amount, commission, Total Salary) and Enter at-least 20 records. • Enter the labels and values in the exact cells location as desired. • Set the column width and rows height appropriately. • Set labels alignment appropriately. • Use warp text and merge cell as desired. • Apply borders, grid lines and shading to table as desired. • Format Numeric Data to include commas and two Decimal places. • Create Header that includes your Name in the left section, page number in the center section and your roll no in the right section. • Create footer with date in the left section and time in the right section. • Save the file with name Sales Report. • Format Cells Rs sing with sign with two decimal places in Total Salary column. • Find the Commission for employee. The Commission rate is 2% of sales. (COMMISSION=SALES*2%) • Enter Formula to Find Total Salary. (Total Salary=Salary commission)		
2	Create a Sheet for Mahindra Showroom Company Which Contains sales and Profit report (No,city,January,February,April,May,Average ,Maximum,cost) • Create the worksheet shown with green label • Set the Text alignment, column's width and high appropriately. • Find the total sales for each month. only for sales Greater than 50000 • Calculate the profit for each month, where profit=Total sales-cost • Calculate 10% bonus, which is 10% of the profit • Display City wise Report and Create the Column Chart.		

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3	A worksheet contains Roll Number, Marks in subjects(CPPM, DPA, MATHS) for 20 students in a class. Calculate Result and Grade using the following: - A student is declared as PASS if he gets 40 or more in ALL subjects , Otherwise FAIL. - All FAILED students will be given Grade IV For PASSED students Grade will be obtained as follows : <table><tr><td>AVERAGE</td><td>GRADE</td></tr><tr><td>>=60</td><td>I</td></tr><tr><td>=50</td><td>II</td></tr><tr><td>=40</td><td>III</td></tr></table> - Create 3D bar chart - Chart title: student Mark sheet - Change back color of chart - Change all the colors of bars	AVERAGE	GRADE	>=60	I	=50	II	=40	III		
AVERAGE	GRADE										
>=60	I										
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4	Solve the following queries using SQL. Consider the table to solve the queries. Salesman_Product(Salesman_No,Name,City,Product_No,Product_Name, Qty_Sold,Rate_Per_Qty) - Display Salesman details selling 'Laptop'. - Display Salesman details in descending order of Qty Sold. - Display Salesman wise Total Qty Sold. - Display Product having Qty Sold>10. - Display Salesman records whose name starts with letter 'A' and last letter is 't'. - Update Rate of Product 'Printer' by +1500. - Display Salesman & Product Details of 'Valsad' City. - Count the total number of salesmen working in surat city. - Delete all products where the quantity is equal to 100. - Add a column called 'Mobile' of datatype number.										
5	Employee(Emp_No,Emp_Name,Designation,Emp_city,Phone_No, Salary,Dept_No) - Create table with appropriate Constraints. - Write a query to count the no.of employee who are working as 'Manager'. - List the employees in increasing order of their salaries. - Display Department wise Total number of employees. - How many employees work in department starting from TS. - Display employee details who are not from city 'surat'. - Update employee salary of all employees by 10%raise. - Display emp number and name of employee whose salary is 15000 and lives in city MUMBAI. - Delete the record of employee whose employee number is 102. - Change the name of the table to 'worker'.										

INSTRUCTIONS:

- Journal submission date will announce soon.

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