



THE BHAWANIPUR EDUCATION SOCIETY COLLEGE

A MINORITY RUN COLLEGE. AFFILIATED TO UNIVERSITY OF CALCUTTA
RECOGNISED UNDER SECTION 2(F) & 12 (B) OF THE UGC ACT, 1956

DEPARTMENT OF COMMERCE (Morning/ Afternoon/ Evening section)

B.Com. - Semester III

**Subject: Computerized Accounting and Introduction to Data Science
Skill Enhancement Course (SEC)
Practical Assignment (2024-2025)**

Computerized Accounting

1. Create a Company as "National Enterprise" in Tally Prime and display the company creation window with the following details:

Company Name	National Enterprise_Your UID E.g. if my UID is 010210047, then name of the company should be National Enterprise_010210047
Address	27, 80 Ft, Industrial Area Koramangala, Bangalore
State	Karnataka
PIN Code	560037
Mobile	9864664666
E-mail	nationalenterprise.hotmail.com
Financial year beginning from	1-4-2024
Books beginning from	1-4-2024
Set Tally Vault Password	No
Base Currency Symbol	INR

Attach a screenshot of the company creation screen



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2. From the following details create ledgers and display the Opening Balance Sheet of the concern

Liabilities	Amount	Assets	Amount
Capital	20,00,000	Land And Building	10,20,000
Provision for Tax	25,000	Furniture	85,000
Loans from Shiva Ltd	50,000	Investment	80,000
Parvati Enterprises	10,000	Stock	7,00,000
		Punjab National Bank	1,90,000
		Prepaid Insurance	10,000
	20,85,000		20,85,000

Attach screenshot of detailed opening balance sheet

3. Record the following transactions:

- On 03-04-2024, Cash ₹ 15,000 withdrawn from Bank for Cash expenses.
- On 09-04-2024, payment of ₹ 7,500 towards Travelling Expenses and ₹ 2,500 towards Labour Charges through bank vide cheque number 512101 and 512102 respectively
- On 10-04-2024, paid trade license fee ₹ 1,000 in cash
- On 14-04-2024, goods ₹ 5,000 purchased through cash.
- On 16-04-2024, purchased goods worth ₹ 12,000 from Shan Enterprises, Tamilnadu on credit.
- On 17-04-2024, sold goods to Priya Enterprises ₹ 18,000 in cash
- On 02-05-2024, sold goods ₹ 32,000 to Sonam Enterprises on credit
- On 22-05-2024, the payment received from Sonam Enterprises in the bank
- On 31-05-2024, payment of ₹ 8,000 has been made to the Shan Enterprises

Attach screenshot of Profit and Loss Statement and Balance Sheet (Detailed) after recording aforesaid transactions in Tally Prime.

4. Krishna Electronics (Prop. Krishan), Karnataka (Pin Code 530068) started the business in April 2024 with a capital of ₹ 20,00,000. The company started recording compliance related transactions from 1st April 2024 in Tally Prime. The company is registered as a Regular Dealer under the Goods and Services Tax Act. The company deals in multi brands of Television which will attract 18%. The company has an account in HDFC Bank Current A/c for business purpose.



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GST Details	
State	Karnataka
Registration type	Regular
Assessee of Other Territory	No
Applicable from	1-Apr-23
GSTIN/UIN	29ADMPK2640M1Z4
Periodicity of GSTR 1	Monthly
Set/alter GST rate details	Yes
HSN of Electrical Appliances	85287219
Enable tax liability on advance receipts	No
Enable tax liability on reverse charge (Purchase from unregistered dealer)	No
Enable GST Classifications	No
Provide LUT/Bond details	No
Invoice Features	
e-Way Bill applicable	No
e-Invoicing applicable	No

Attach screenshot of company creation screen and screen showing GST Setup

- Create following party ledgers

Name	Charan Ltd.	Sajan Enterprises
Under	Creditors	Debtors
State	Karnataka	Karnataka
Pin	560105	560821
Type	Regular	Regular
GSTIN	29AAACO8313M1Z3	29AIEPM9849F1ZP

In case, you find any issue in GSTIN then use another GSTIN of a dealer from Karnataka



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- Create Inventory Masters

Item	LG 32' Smart TV	Mi 32' Smart TV
Unit	Numbers	Numbers
GST	Applicable	Applicable
Type of Supply	Goods	Goods
Rate of Duty	18	18

- As on 06-04-2024, the company purchased the following goods from Charan Ltd, Karnataka on credit with Supplier Invoice no. CE/PUR/11

Name of Item	Quantity	Rate per (₹)	Amount (₹)
LG 32' Smart TV	5 Nos	15,000	75,000
MI 32' Smart TV	3 Nos	13,000	39,000

- As on 10-04-2024, the company sold the following goods to Sajan Enterprises on credit with Sale Bill No. 1

Name of Item	Quantity	Rate per (₹)	Amount (₹)
LG 32' Smart TV	3 Nos	16,500	49,500
MI 32' Smart TV	2 Nos	14,000	28,000

Attach copy of the invoice printed from the system (screenshot is **not** required)

- Attach screenshot of GSTR 3B and GSTR 1 report for the month of April 2024

5. Create a Company TPI LTD in **Tally Prime** with Bank Balance of ₹ 10,00,000 and Show the **Cost Allocation** for the following:

As on 5th June 2024, company made a payment towards Travelling & Food Expenses for ₹ 2,00,000, vide SBI cheque no: 000004 dated 05-06-2024. Allocate the total amount as follows



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Cost Centre	₹
Mahendra	60,000
Jitendra	60,000
Prakash	40,000
Shekar	40,000

Attach screenshot of Cost Center Summary report showing aforesaid allocation.

Introduction to Data Science

1. a) Make a Database in MS Access named "People".
b) Make the following Table in MS Access:

Table Name: Person

Primary Key: PID

Column Name	Data Type	Remarks
<u>PID</u>	Short text	
PName	Short Text	
Page	Number	
PGender	Short Text	Male, Female
PCategory	Short Text	General, SC, ST

c) Insert at least 10 appropriate data.

d) Write the SQL Code for the following Queries

- i. Display the entire table.
 - ii. Display the names of all males below the age of 42.
 - iii. Display the name and age of all females belonging to the General category.
 - iv. Display the Count of each Gender.
2. a) Make a Database in MS Access named "College".
b) Make the following Table in MS Access:

Table Name: Student

Primary Key: UID



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Column Name	Data Type	Remarks
<u>UID</u>	Short text	
SName	Short Text	
Page	Number	
Pgender	Short Text	Male, Female

c) Make the following Table in MS Access:

Table Name: Marks

Primary Key: UID

Column Name	Data Type	Remarks
<u>UID</u>	Short text	
Class10	Short Text	0 <= Class10 <= 100
Class12	Number	0 <= Class12 <= 100

d) Create a Relationship between the two tables based on the UID.

e) Insert at least 15 appropriate data.

f) Write the SQL Code for the following Queries

- Display the names of all females.
- Display the name and Class 10 marks of all females who got more than 90 in their Class 10 Exams.
- Display the name of the Student with the highest marks in Class 10.

3. Using MS Access Insert the following values in table Student using the form:

Roll No	First Name	Last Name	Date of Birth	Gender	Phone	Course	Fees
1	Shyam	Sharma	11/11/2000	Male	124567890	PGDCA	\$110.00
2	Ramesh	Mehta	12/10/2020	Male	124567890	DCA	\$230.00
3	Kiran	Shikari	05/04/2001	Female	124567890	PGDCA	\$110.00
4	Vaishali	Shikari	09/11/2020	Female	124567890	PGDCA	\$110.00
5	Prakash	Thakur	06/10/2000	Male	124567890	CPCT	\$210.00
6	Prakash	Rathore	06/12/2001	Male	124567890	DCA	\$230.00
7	Rahul	Vasuniya	12/03/2001	Male	124567890	PGDCA	\$110.00
8	Pallavi	Rathore	01/01/2000	Female	124567890	DCA	\$230.00

4. We have taken a loan of Rs. 150,000 to buy ourselves a brand new sports car. The loan is for 10 years, bearing a yearly interest rate of 5%. What would be the annual payment using MS Excel?



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5. The following worksheet contains Name & Taxable Income for 10 employees. Calculate Income Tax Surcharge and Total Tax for the following worksheet using MS Excel:

	A	B	C	D	E
1	NAME	TAXABLE INCOME	INCOME TAX	SURCHARGE	TOTAL TAX
2					
:					
:					
50					

Income Tax is calculated as follows:

Taxable Income	Income tax
First 1,50,000	Nil
Next 1,00,000	10%
Next 75,000	20%
Excess	30%

Surcharge is 3% on Income Tax if Taxable income is above 5,00,000

6. Write the appropriate answer in your own words.
- What is the purpose of an e-PAN card? Is EPAN valid without signature? Can we convert ePAN to physical PAN card?
 - What security features are implemented in DigiLocker? Is it safe to put my data on DigiLocker platform?
 - What are the key components of DigiLocker?
 - What is the use of Parivahan? What is the full form of RTO?



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Assignment Copy Preparation Instructions

1. Write the question as given in the assignment followed by their steps(formula) of solving on the ruled portion and take colour printout of the output/result pages.
2. Cut and paste the printouts on the white pages corresponding to the question/solution steps.
3. CU Roll Number must be mentioned on the header of every output (printout).
4. Hard Bound Lab Notebook (*shoelace file*), to be used.
5. On the first page, mention the following details:
 - Name of the Candidate
 - Semester
 - CU Roll Number (used in Semester II examination)
 - CU Registration Number
 - APAAR ID
 - College UID
6. Cover your assignment copy with brown/white paper.
7. Create an index page on your first page of your lab notebook.

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