

CLASS XI HOLIDAYS HOMEWORK

ACCOUNTANCY 2025-26

Answer the following questions(Do it in a separate notebook)

1. Define Accounting as per AICPA.
2. Explain Various Attributes of Accounting.
3. Explain any five objectives of Accounting.
4. Distinguish between Book keeping and Accounting.
5. State With examples the following Accounting terminology
Voucher, Bad debts, Insolvency, Current Assets, Tangible Assets, Debtors ,
creditors and Drawings
6. Why is accounting called an inexact science ?
7. What is Window dressing?

Activity based HW

- Read newspaper 'The Economics Times' and keep the record of share price of any 10 Companies for 10 days.
- Approach a nearby bank -a)Accumulate information about various facilities offered by it
b) Collect specimens of different forms available in the Bank-Pay in slip, withdrawal slip, debit card application form, Credit card application form, education loan application form, cheque book requisition slip.

DO IT IN A SCRAP FILE

INTER DISCIPLINARY

Analyzing the profit and loss of five hypothetical companies, weaving in principles from accountancy, business studies, economics, and mathematics.

Case Study: Profitability Analysis of Five Diverse Companies

This case study examines the financial performance of five distinct companies over a single fiscal year to illustrate how various business environments and operational strategies impact profitability.

Company Profiles:

* Tech Innovators Inc. (Technology): A startup focused on developing and selling cutting-edge AI software solutions. They have high research and development costs but potential for significant market growth.

* Green Earth Manufacturing Ltd. (Manufacturing): A well-established company producing eco-friendly packaging materials. They benefit from economies of scale but face increasing

competition.

* Global Retail Ventures (Retail): A multinational chain of clothing stores. Their profitability is heavily influenced by consumer spending, fashion trends, and global economic conditions.

* Local Eats Cafe (Hospitality): A small, independent cafe in a bustling urban area. Their success depends on local demand, operational efficiency, and customer service.

* Agri-Solutions Co. (Agriculture Technology): A company providing precision agriculture services and technology to farmers. Their performance is linked to agricultural seasons, commodity prices, and technological adoption in the farming sector.

Financial Data

Q1Analyze the varying profitability of Tech Innovators Inc., Green Earth Manufacturing Ltd., and Global R

ITEMS	TECH INNOVATORS INC.	GREEN EARTH MFG.Ltd	GLOBAL RETAIL VENTURES	LOCAL EATS CAFE	AGRI SOLUTION CO.
Revenue	1500	8,000	15,000	350	2,200
Cost of Goods sold	300	4,500	7,500	120	1,100
Gross Profit	1200	3,500	7,500	230	1,100
Operating Expenses:					
Research &Development	600	100	200	10	150
Marketing & Sales	300	400	1,500	50	250
Administrative	200	500	1,000	70	300
Total Operating Expenses	1,100	1,000	2,700	130	700
Operating Income(EBIT)	100	2,500	4,800	100	400
Interest Expense	50	150	300	10	80
Profit before Tax(PBT)	50	2,350	4,500	90	320
Income Tax expense	15	705	1,350	27	96
Net Profit(Loss)	35	1,645	3,150	63	224

Q1Analyze the varying profitability of Tech Innovators Inc., Green Earth Manufacturing Ltd., and Global Retail

Ventures in relation to their distinct business strategies (innovation, cost leadership, and

market reach, respectively). How do their cost structures and target markets contribute to their differing net profit margins? Discuss potential strategic recommendations for Tech Innovators Inc. to improve its profitability in the long term, considering its high research and development expenses.

Accountancy:

Q2 Calculate and compare the gross profit margin, operating profit margin, and net profit margin for all five companies. Evaluate the significance of these ratios in understanding the operational efficiency and overall profitability of each company. Furthermore, discuss the fundamental accounting principles (such as the matching principle and accrual accounting) that underpin the construction of these income statements and why adherence to these principles is crucial for accurate financial reporting.

Mathematics:

Q3 Using the revenue and total operating expenses data for each company, model a simple linear equation representing the relationship between these two variables. Calculate the percentage of revenue consumed by total operating expenses for each company. Analyze these percentages and discuss how a mathematical understanding of cost-revenue relationships can inform business decision-making regarding cost control and revenue generation strategies.

Economics:

Q4 Considering the diverse industries represented in the case study (technology, manufacturing, retail, hospitality, and agriculture technology), analyze how macroeconomic factors (e.g., consumer spending, interest rates, economic growth) and microeconomic factors (e.g., competition, supply chain dynamics, technological advancements) might differentially impact the profitability of Global Retail Ventures and Agri-Solutions Co. Discuss the concept of market structure in relation to Local Eats Cafe and Tech Innovators Inc., and how their respective market positions might influence their pricing power and profitability.

