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ASSAM HIGHER SECONDARY EDUCATION COUNCIL

2024 Accountancy Solved Question Paper

By The Treasure Notes

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Class XII Examination

2024
ACCOUNTANCY
For New Course Students
Full Marks: 80
Pass Marks: 24

Time: Three hours. CODE: 34T ACOU

The figures in the margin indicate full marks for the questions.

1. (a). Fill in the blanks with appropriate word/words (any four) $1 \times 4 = 4$

- (i). Partners' current accounts are prepared when the capital accounts are 'fixed'.
- (ii). A company is a separate 'legal' entity. It is a separate entity from its members.
- (iii). Current ratio is the relationship between current assets and 'current liabilities'.
- (iv). Equity Shareholders are 'owners' of a company.
- (v). At the time of dissolution of a partnership firm, assets are transferred to the Realisation Account at <u>'book'</u> value.

(b). State whether the following statements are 'True' or 'False': 1×2=2

- (i). Debentureholders do not have right to vote in the meetings of the company. **Answer:** True.
- (ii).Premium for goodwill is shared in gaining Ratio.

Answer: False. (sacrificing ratio)

(C) Choose the correct alternative: $1 \times 2 = 2$

- (i). The portion of the authorised capital which is offered to the public for sale in the form of shares is called....?
- (a) subscribed capital
- (b) issued capital
- (c) called-up capital
- (d) paid-up capital

Answer: (b) issued capital

(ii) In the absence of partnership deed, the rate of interest allowed on partner's capital is?

(a) 6%

(b) 5%

(c) 6.5%

(d) None of the above

Answer: (a) 6%

Q. 2. What do you mean by re-issued of forfeited share? 2

Answer: Re-issuing forfeited shares is the process where a company sells shares that were previously taken back from shareholders who didn't pay their dues. The company then sells these shares, often at a lower price, to new or existing investors to recover some of the lost capital..

Q. 3. Write any two demerits of partnership business. 2

Answer: Two demerits of partnership business are:

- **1. Unlimited liability**: Partners have unlimited personal liability for the debts and obligations of the business. This means personal assets can be used to settle business debts.
- **2. Potential for conflict**: Differences in opinions, management styles, and decision-making processes can lead to disputes and conflicts among partners, which can negatively impact the business.
- Q. 4. Mention two features of a debenture.

Answer:

- **a. Fixed Interest Rate**: Debentures carry a fixed rate of interest, which is paid to the debenture holders irrespective of the company's profit.
- **b. Redemption**: Debentures are usually redeemable after a fixed period, meaning the principal amount is repaid to the holders at the end of this period.

OR

Q. Write the meaning of 'Cash flow from investing activities'.

<u>Answer</u>: Cash flow from investing activities refers to the cash generated or spent on activities related to the acquisition and disposal of long-term assets and investments. This includes cash used to purchase property, plant, and equipment, cash received from the sale of assets, and cash paid for purchasing investments.

Q. 5. Give two circumstances under which the fixed capitals of partners may change.

Answer:

- **a. Additional Capital Contribution**: When partners decide to invest additional capital into the business.
- **b. Withdrawal of Capital**: When partners withdraw a portion of their capital from the business for personal use.

OR

Q. Why is Profit and Loss Adjustment Account prepared?

<u>Answer</u>: The Profit and Loss Adjustment Account is prepared to adjust the profits or losses for any errors, omissions, or changes in accounting estimates from previous periods. It helps in correcting these errors and ensuring the accuracy of the financial statements.

Q. 6. What is meant by 'calls-in-

Answer: Calls-in-advance recompany from shareholders for shares yet to be call company has made a form the lam into the company has made a form to the lam into t

Q. 7. Mention two lime on a friend eme

Answer: Two limital

- 2. Subjectivity: The person conducting it, and judgment of the

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Q. What is meant by the news e wi

Answer: Cash equivalents at specific investments that are readily convertible into known amounts or a maturity of three months or less at the time of acquisition. Examples include Treasury bills, commercial paper, and money market funds.

Q. Write three situations when a partnership firm is compulsorily dissolved.

Answer: 1. Death of a Partner: The partnership is automatically dissolved if one of the partners dies, unless otherwise agreed in the partnership deed.

- 2. Insolvency of a Partner: If any partner is declared insolvent, the partnership firm is compulsorily dissolved.
- 3. Completion of the Business Purpose: When the specific purpose for which the partnership was formed is completed or the time period specified for the partnership expires, the firm must be dissolved.

Q. 9. Give any three items that can be shown under the heading 'Reserves and Surplus' in a company's Balance Sheet.

Answer:

- **1. General Reserve**: A portion of the profit set aside for future needs and contingencies.
- **2. Capital Reserve:** Reserve created from capital profits, not available for distribution as dividends.
- **3. Retained Earnings**: The accumulated portion of the net income which is retained by the company instead of being distributed as dividends.

OR

Name any three items of current assets.

Answer:

- **1. Cash and Cash Equivalents**: Includes physical cash, bank balances, and other short-term investments.
- **2. Accounts Receivable**: Amounts owed to the company by customers for goods or services delivered but not yet paid for.
- **3. Inventory**: Goods available for sale, raw materials, and work-in-progress.
- Q. 10. Current liabilities of a company are 23,50,000. Its current ratio is 3:1 and liquid ratio is 1.75:1. Calculate the current assets and liquid assets.

Solution:

Given,

Current liabilities (C.L)= 23,50,000 Current Ratio (C.R)= 3:1 Liquid Ratio (L.R) = 1.75 : 1 Current Assets (C.A) = ? Liquid Assets (L.A)= ?

We know that,

C.R = C.A/C.L

$$3/1 = C.A / 23,50,000$$

C.A = 23,50,000 × 3
= $70,50,000$
Now,
L.R = L.A / C.L
 $1.75/1 = L.A / 23,50,000$
L.A = 23,50,000 × 1.75
= 4112500

Therefore, the current assets are ₹70,50,000 and the liquid assets are ₹41,12,500.

OR

Mention any three objectives of preparing a comparative statement. 3

Answer: Three objectives of preparing a comparative statement are:

- **1. Identifying Trends**: Comparative statements help in identifying trends over different periods, facilitating analysis of financial performance and changes in key metrics.
- **2. Performance Evaluation**: They aid in evaluating the company's performance against its own past performance or against competitors, providing insights into areas of strength and weakness.
- **3. Decision Making**: Comparative statements assist in making informed decisions by providing a basis for comparison and highlighting areas requiring attention or improvement.

OR

What is computerised accounting system? 3

Answer: A computerized accounting system is a software-based solution used for recording, storing, and processing financial transactions electronically. It automates various accounting tasks such as journal entries, ledgers, payroll processing, invoicing, and financial reporting. This system replaces traditional manual accounting methods, offering advantages such as increased efficiency, accuracy, accessibility of data, and the ability to generate real-time financial reports.

Q. 11. A and B are partners sharing profits and losses equally. They have admitted C into the firm. A has surrendered 1/3 of his share and B has surrendered 1/6 of his share in favour of C. Ascertain the new profit sharing ratio. 3

Solution: Initially, both A and B share profits equally, so each has a share of 1/2.

<u>Calculation of the share C gets from each partner:</u>

- From A: (1/3) * (1/2) = 1/6
- From B: (1/6) * (1/2) = 1/12

Now, Calculation of the remaining share for A and B after surrendering a portion to C:

- A's new share: (1/2) (1/6) = 1/3
- B's new share: (1/2) (1/12) = 5/12

Therefore, the new profit sharing ratio for A, B, and C is:

A: 1/3B: 5/12

• C: 1/6 + 1/12 = 1/4

So the new profit sharing ratio is **1/3**: **5/12**: **1/4**, which can be further simplified to **4:5:3**

OR

Explain in brief the 'average profit method' of goodwill valuation. 3

Answer: Average Profits Method: In this method, Actual maintainable profits of business over a number of years are taken into account. Actual maintainable profits earned over a number of years are totalled and average is determined by dividing total with number of years. The average profits so determined are multiplied by the number of year's purchases to arrive at the value of goodwill.

For calculation of goodwill following steps are to be followed

- 1. Calculate Actual maintainable profits with the help of following formula. Actual maintainable profits = Net Profit + Abnormal loss Abnormal Gain regular business expenses not considered in accounts.
- 2. Calculate Average maintainable Profit = Total Actual maintainable profits /no of years.
- 3. Calculate goodwill Average maintainable Profit x no. of year's purchase OR

Write three advantages of using graphs. 3

Answer: Three advantages of using graphs are:

- **1. Visual Representation**: Graphs provide a visual representation of data, making complex information easier to understand and interpret at a glance.
- **2. Comparison**: Graphs allow for easy comparison between different data sets, trends, or categories, facilitating quick analysis and identification of patterns or outliers.
- **3. Clarity and Communication**: Graphs enhance clarity and communication of data, enabling effective presentation to stakeholders, decision-makers, or the general audience, promoting better understanding and decision-making.

- **5. Calculation of Operating Income**: Operating Income Gross Profit-Operating Expenses Operating Income in 2022 ₹30,000-₹4,000 = 26,000 Operating Income in 2023₹25,200-₹4,300 = ₹20,900
- **6. Calculation of Net Income Before Tax:** Net Income Before Tax Operating Income + Non-operating Incomes Net Income Before Tax in 2022226,000+₹5,000 ₹31,000 Net Income Before Tax in 2023₹20,900+₹6,600 ₹27,500
- **7. Calculation of Income Tax**: Income Tax Income Tax Rate Net Income Before Tax Income Tax in 2022 =50%*₹31,000=₹15,500 Income Tax in 2023-50%*₹27,500 ₹13,750
- **8. Calculation of Net Income After Tax**: Net Income After Tax Net Income Before Tax-Income Tax Net Income After Tax in 2022 = ₹31,000-₹15,500 ₹15,500 Net Income After Tax in 2023 = ₹27,500 ₹13,750 = ₹13,750

OR

Explain in brief the tools of financial analysis. 6

Ans: The tools of financial analysis:

- a) **Comparative Statements**: These are the statements showing the profitability and financial position of a firm for different periods of time in a comparative form to give an idea about the position of two or more periods. It usually applies to the two important financial statements, namely, balance sheet and statement of profit and loss prepared in a comparative form. The financial data will be comparative only when same accounting principles are used in preparing these statements. If this is not the case, the deviation in the use of accounting principles should be mentioned as a footnote. Comparative figures indicate the trend and direction of financial position and operating results. This analysis is also known as 'horizontal analysis'.
- b) **Common Size Statements**: Common size statement is a statement in which amounts of individual item of balance sheet and profit and loss account for one or more years are expressed in terms of percentage of a common base. The common base can be net sales in the case of profit and loss account and total of balance sheet for the balance sheet.
- c) **Trend Analysis**: Trend analysis is an important tool of horizontal financial analysis. This is helpful in making a comparative study of the financial statements over several years. Under this method trend percentages are calculated for each item of the financial statements taking the figure of base year as 100. Normally the starting

year is taken as the base year. The trend percentages show the relationship of each item with its preceding year's percentages.

d)

OR

Explain the concepts of 'data validation' and 'data verification'. 6 Answer:

1. Data Validation:

- Definition: Data validation is the process of ensuring that data entered into a system meets certain predefined standards or criteria.
- Purpose: It helps maintain data integrity by preventing incorrect or inappropriate data from being entered into a system.
- Methods: Validation can be performed through various techniques such as range checks, format checks, consistency checks, and completeness checks.
- Example: In a form where users enter their age, data validation would ensure that only numeric values within a certain range (e.g., 1 to 150) are accepted.

2. Data Verification:

- Definition: Data verification is the process of confirming that the data entered matches the original source or that it is accurate and complete.
- Purpose: It ensures the accuracy and reliability of data by comparing it against a trusted source or by using other verification methods.
- Methods: Verification can involve double entry, cross-referencing with other records, or comparing against a master dataset.
- Example: In a customer database, data verification might involve cross-referencing a customer's address provided online with their address on file to ensure they match.

In essence, data validation focuses on ensuring that data meets specific criteria or rules, while data verification ensures the accuracy and completeness of the data by comparing it against trusted sources or using other methods. Both are crucial for maintaining data quality and integrity.

- 13. Give Journal entries in the books of Pakhi Ltd. for issue of debentures under the following situations: 1+1+1+1+2=6
- (a) Issued 5,000, 8% debentures of ₹ 100 each at par redeemable at 5% premium after 4 years.

Transfer Premium to Capital Reserve:

Debenture Premium Account Dr. ₹40,000

To Capital Reserve Account ₹40,000

Narration: Transferred the premium on

Note: Students are suggested to solve Questions in proper format.

OR

Q. Give six points of distinctions between a share and a debenture. Answer:

Point of Distinction	Share	Debenture
Ownership	Represents ownership	Represents a loan to
	in the company.	the company.
Status	Shareholders are	Debenture holders are
7	owners of the	creditors of the
	company.	company.
Returns	Returns in the form of	Returns in the form of
-0,	dividends.	interest.
Voting Rights	Shareholders generally	Debenture holders do
	have voting rights.	not have voting rights.
Risk	Higher risk as returns	Lower risk as interest is
	depend on profits.	paid regardless of
6		profits.
Repayment	Shares are not repaid	Debentures are repaid
	by the company. They	after a fixed period or
X	exist as long as the	on maturity.
	company exists.	

OR

Q. Explain the applications of Spreadsheet in Accounting. 6

Answer: Spreadsheets have a wide range of applications in accounting. Here are six key applications:

1. Financial Statements Preparation: Spreadsheets are used to create financial statements such as income statements, balance sheets, and cash flow statements. They allow for easy organization, calculation, and updating of financial data.

- (ii) Land and Building to be appreciated by 20,000.
- (iii) Provision for Bad Debts to be made @ 2% on debtors.
- (iv) Furniture to be depreciated by ₹4,000.
- (v) Susanta's capital is to be transferred to his Loan Account.

Give Journal entries relating to the above transactions.

Solution:

Journal Entries

Date	Particulars	Debit (₹)	Credit (₹)
01/01/2023	Ananta's Capital A/c Dr.	7,06,666.67	
	Diganta's C		
X	A/c Dr.	- F	70.000
	To Su Cap	PDI	70,000
	(B ic v	0	
	1121	OK	
		-0.	
01/01/2023	N.	MPLE	
	-	. IDLL	
		MI	
		-11	
	ap _k on		
	Land	11 O.	
.0	Buildin	1	
×	recordea,		
0,	X		
01/01/2023	Revaluation A/c	3,000	
	Dr.		2.000
	To Provision for		3,000
	Bad Debts A/c		
	(Being provision for bad debts		
O.	created at 2% on	()	
*(6	debtors)		
	XQ,	1	
01/01/2023	Revaluation A/c	4,000	
	Dr.		
	To Furniture A/c		4,000

×	(Being depreciation on furniture recorded)		
Ve.	X		
01/01/2023	Susanta's Capital A/c Dr.	80,000	
	To Susanta's Loan A/c		80,000
.0.	(Being Susanta's capital	0)	
a vice	transferred to his loan account)		C

Revaluation Account

Revaluation Account	Debit (₹)	Credit (₹)
To Provision for Bad	3,000	
Debts		
To Depreciation on	4,000	
Furniture	6.	
To Partners' Capitals	0,7	
(gain on revaluation)		
Susanta	7,000	
Ananta	4,667	
Diganta	2,333	
By Land & Building		20,000
Total	16,000	16,000

Partners' Capital Accounts

Particulars	Susanta (₹)	Ananta (₹)	Diganta (₹)
To Goodwill	10,60,000		
To Susanta's Loan	80,000		
By Reserve Fund	30,000	20,000	10,000
By Revaluation	7,000	4,667	2,333
By Goodwill	O'	7,06,666.67	3,53,333.33
By Balance c/d	6	1,00,000	60,000
Total	11,77,000	8,31,333.67	4,25,666.33

OR

Explain how the amount due to a deceased partner is ascertained? 6

Creditors of the firm agreed to accept 5% less. Expenses of realisation amounted to 2400. Close the firm's books by preparing a Realisation Account, Partners' Capital Accounts and Bank Account. 6

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1. Realization Account

Debit Side:

Furniture: ₹16,000
Investments: ₹4,000
Debtors: ₹2,000
Stock: ₹3,000

Credit Side:

• Furniture realized: ₹218,000

• Debtors realized (90% of ₹2,000): ₹1,800

• Stock realized: ₹22,800

Investments taken over by Ravi: ₹23,800
Creditors settled at 95% of ₹2,000: ₹1,900

• Expenses of realization: ₹2,400

Realization Account

Particulars	Amount (₹)	Particulars	Amount (₹)	
Furniture	16,000	Furniture	218,000	
Investments	4,000	Debtors	1,800	
Debtors	2,000	Stock	22,800	
Stock	3,000	Investments	23,800	
Creditors (5% less)	1,900			
Realization	2,400			
Expenses				
Profit Transferred to:	5	0,		
Ravi's Capital A/c (3/5)	144,000		(
Vicky's Capital A/c (2/5)	96,000			
Total	269,300	Total	269,300	

(Being re-issue of 1,100 forfeited shares @ ₹25 each, i.e., at 10% discount)

5. Transfer of Balance in Forfeited Shares Account to Capital Reserve

Forfeited Shares A/c Dr.

Dr. ₹16,750

To Capital Reserve A/c

₹16,750

(Being the transfer of balance in forfeited shares account to capital reserve account)

Calculation Details:

Application money received = ₹22 * 10,000 shares = ₹220,000

Allotment money received = ₹25 * 10,000 shares - (₹25 * 500 shares) = ₹250,000 - ₹12,500 = ₹237,500

First and Final Call money received = ₹25 * 10,000 shares - (₹25 * 500 shares + ₹25 * 600 shares) = ₹250,000 - ₹27,500 = ₹222,500

Forfeited shares total = Ritu's 500 shares + Jitu's 600 shares = 1,100 sharesRe-issued at 10% discount = 90% of ₹25 = ₹22.50 each;

total amount received = ₹22.50 * 1,100 shares = ₹24,750

OR

For what purposes 'securities premium' can be used? 5

Ans: Securities premium is the extra amount a company gets when it sells its shares for more than their face value. This money can only be used for specific purposes:

- 1. <u>Issuing bonus shares</u>:
 - Giving extra shares to current shareholders for free.
- 2. Covering preliminary expenses:
 - Paying off the costs incurred when starting the company.
- 3. Writing off issue costs:
- Paying for the expenses, commission, or discount related to issuing shares or debentures.
- 4. Paying premium on redemption:
 - Paying the extra amount owed when redeeming preference shares or debentures.
- 5. Buying back shares:
 - Repurchasing the company's own shares from the market.

(b) Write three distinctions between equity share and preference share.

Ans: The three distinctions between equity share and preference share:-

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Aspect		ce Shares
Dividend Payme	ald UPS	e equity
	.c. d'il era	
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X	The second second	
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Repayment of Ca	n In	P re equity
60	tar	rs, but after
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17. Mera and Karan are partner in a firm any profit in the ratio of 3:2 on April 1st 2022 their balance sheet was as under:

Liabilities	₹	Assets	₹
Sundry Creditors	85,000	Bank	10,000
Capitals)	Stock	22,000
Mihir 70,000		Plant and	40,000
	03	Machinery	
Karan 60,000	1,30,000	Building	20,000
X	20	Goodwill	24,000
		Debtors 24,000	

Interest on Capital - Pradin	
40,000)	
Net Profit	(79)
Total	1 1 1 1

Pro.it ir	No.	ınt

in	-OK	(₹)
Net Profit	EU' - E	
Less: Sala	Suc	
Interest or	3 0	X
Interest or	1,00	
X	$\sim ONN$	
Deficit	3/56	
Total		

Balan Ch mber 2022

paiding sneet:

Liabilities:

Particulars	Amount (₹)		Assets:	Amount (₹)
Capital:			Cash in hand	12,500
Biswas	65,000		Cash at Bank	7,000
Pradip	40,000	2	Sundry Debtors	42,750
Add: Net	17,290	, O,	Less:	(2,138)
Profit	0		Provision for	(
X		25.	Doubtful	
2,	P	X	Debts	
Total	1,22,290		Stock	20,860
Sundry	19,740		Motor Car	8,000
Creditors	10.100			
Bank Loan	18,400		Machinery	9,000
	60"		Insurance	9,000
	-2	60.	Advertiseme	12,500
			nt	
X		65.	Commission	16,300
Total	1,85,900	X	Total	1,85,900

For Old Course: fin lieu of Project Works)

- 19. Answer the following questions: (any four) $5 \times 4 = 20$
- (a) Write distinctions between, Fixed Capital Account and Fluctuating Capital Account.

Ans: The distinctions between, Fixed Capital Account and Fluctuating Capital Account:

Aspect	Fixed Capital Account	Fluctuating Capital Account
Nature of capital	Permanent and stable	Variable and temporary
Investment purpose	Long-term investments	Short-term investments
Risk profile	Generally lower risk	Higher risk
Liquidity	Less liquid	More liquid
Return on investment	Typically lower	Potentially higher
Investor commitment	Usually higher commitment	Often lower commitment
Stability	Provides stability to financial position	Subject to market fluctuations
Examples	Property, machinery, long-term investments	Stocks, bonds, short- term securities

(b) What is Ratio Analysis? Mention any three limitations of ratio analysis.

Ans: Ratio analysis is a method used to evaluate and compare relationships between financial data in a company's financial statements. It helps to understand how well a company is performing financially by looking at ratios like profitability, liquidity, and efficiency.

Limitations of ratio analysis:

- 1. <u>Dependence on Historical Data</u>: Ratios rely on past financial information, which may not reflect current market conditions or future trends accurately.
- 2. <u>Limited Understanding</u>: Ratios provide numbers without context, making it necessary to interpret them carefully to understand their true meaning.
- 3. <u>Comparison Challenges</u>: Comparing ratios between companies in different industries can be misleading due to varying business models and accounting practices.

(c) Explain uses of Financial Statement.

Ans: Financial statements serve several crucial purposes for businesses, investors, creditors, and other stakeholders:

1. <u>Performance Evaluation</u>: They provide a snapshot of a company's financial performance, indicating profitability, revenue trends, and cost management effectiveness over a period.

such as industry standards, risk factors associated with the business, and the expected rate of return on investments.

3. <u>Valuation of Goodwill</u>: Finally, the value of goodwill is determined by multiplying the average annual profit by the multiplier. This gives an estimate of the economic value of the goodwill associated with the business.

Revaluation Account: A Revaluation Account is a financial statement used to record adjustments to the values of assets and liabilities in a business. It is typically prepared when there is a change in the value of assets and liabilities due to various reasons such as revaluation of fixed assets, changes in market conditions, or changes in accounting policies.

The main purposes of a Revaluation Account include:

- 1.- <u>Updating Asset Values</u>: It helps in adjusting the book values of assets to their current market values or revalued amounts.
- 2.- <u>Adjusting Liabilities</u>: It also adjusts the values of liabilities to reflect any changes that affect their financial position.
- 3.- <u>Distributing Gains or Losses</u>: It facilitates the distribution of any revaluation gains or losses among the relevant stakeholders, such as shareholders or partners.

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