

# 1. PROFIT OR LOSS PRE AND POST INCORPORATION

NO. OF PROBLEMS IN 41e OF CA INTER: CLASSROOM - 08, ASSIGNMENT - 09

NO. OF PROBLEMS IN 42e OF CA INTER: CLASSROOM - 06, ASSIGNMENT - 08

NO. OF PROBLEMS IN 43e OF CA INTER: CLASSROOM - 06, ASSIGNMENT - 08

## MODEL WISE ANALYSIS OF PAST EXAM PAPERS OF IPCC & CA INTER

MODEL NO.	N-11	M-12	N-12	M-13	N-13	M-14	N-14	M-15	N-15	M-16	N-16	M-17	N-17	M-18 (O)	M-18 (N)	N-18 (O)	N-18 (N)	M-19 (N)
Profit or loss Prior to incorporation	06	-	-	08	-	08	-	10	08	-	04	08	-	08	10	-	12	4

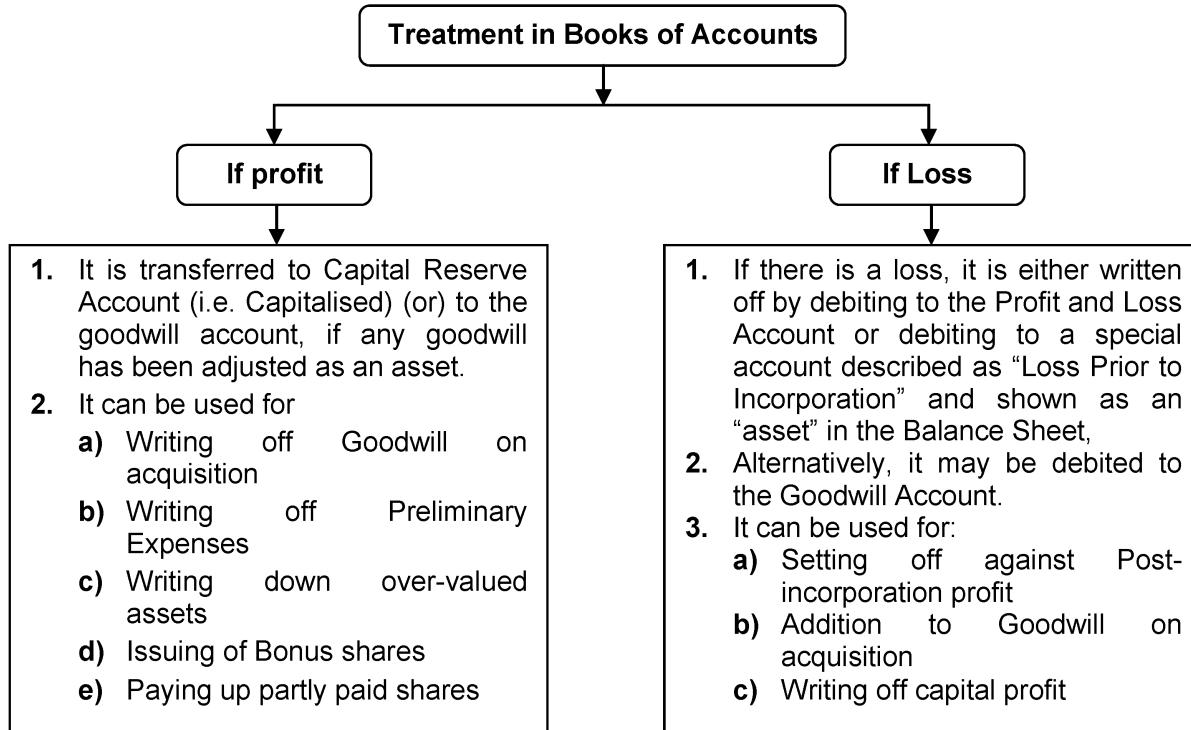
## SIGNIFICANCE OF EACH PROBLEM COVERED IN THIS MATERIAL

Problem No. in this material	Problem No. in NEW SM	Problem No. in OLD SM	Problem No. in old PM	RTP	MTP	Previous Exams	Remarks
CR 1	PQ-1	-	6		-	-	
CR 2	ILL-7	ILL-4	-	-	-	-	
CR 3	-	-	-	-	-	N18 (N) - 12M	
CR 4	ILL-4	ILL-4	-	-	-	-	
CR 5	-	-	-	-	-	-	
CR 6	PQ-3	-	8	-	-	N17-6M	
ASG 1	ILL-1	-	3	-	-	-	
ASG 2	ILL-2	-	5	-	-	M13, M18(N)	
ASG 3	ILL-5	ILL-2	-	-	M18 (N&O)	-	
ASG 4	PQ-2	-	7	-	-	-	
ASG 5	-	-	-	N18 (N&O)	-	-	
ASG 6	-	-	-	N15	-	-	
ASG 7	ILL-3	ILL-2	-	-	-	-	
ASG 8	-	-	-	N14, M18 (N&O)	-	-	

### Introduction:

1. Profit or loss of a business for the period prior to the date the company incorporated is referred to as pre-incorporation profits or losses.
2. Such profits or losses, though belonging to the company or payable by it, are of capital nature.

**Note:** These profits will not be available for distribution as a dividend among the members of the company.



**Methods of Computing Profit or Loss Prior to incorporation:** The profit or loss prior to incorporation can be ascertained in any of the following two methods:

- Separate Final Accounts Method:** By keeping all accounting details separately for the two periods and taking stock valuation on the date of incorporation, two separate trading and Profit & Loss Accounts as follows can be prepared.
  - From the date of purchase to the date of incorporation (Pre-incorporation period) and
  - From the date of incorporation to the date of year ending (Post-incorporation period)

But this is not always feasible and practical hence following method can be followed.

- Single Final Accounts Method:**

- Preparation of Trading A/c for that whole period and to find out the gross profit or gross loss in the usual way.
- Preparation of Profit & Loss A/c by splitting up into two periods (i.e. pre- incorporation & post- incorporation periods) by apportioning the items appearing in the Profit & Loss A/c on some equitable basis.

Item	Basis of Apportionment (Between Pre-and Post-Incorporation periods)
a) <b>Gross Profit or Gross Loss:</b> (Refer Example 1 below)	On the basis of turnover in the respective periods. (Or) On the basis of cost of goods sold in the respective periods in the absence of any information regarding turnover. (Or) On the basis of time in the respective periods in the absence of any information regarding turnover and cost of goods sold.
b) <b>Variable expenses related to Turnover:</b> [E.g.: Carriage/ Cartage Outward. Selling and Distribution Expenses, Commission to selling agents / traveling agents, Advertisement expenses, Bad debts (if actual bad debts for the two periods are not given), Brokerage, Travelling Expenses relating to Sales men etc.]	On the basis of turnover in the respective periods.

Item	Basis of Apportionment (Between Pre-and Post-Incorporation periods)
c) <b>Fixed common expenses related to Time:</b> [E.g.: Salaries, Office and Administration Expenses, Rent, Rates and Taxes, Printing and Stationery, Telephone, Telegram and Postage, Depreciation, Insurance, Miscellaneous Expenses, Travelling Expenses relating to Office Staff, Advertisement expenses where contracted for monthly payments]	On the basis of time in the respective periods.
d) <b>Expenses exclusively relating to pre-incorporation period:</b> [E.g. Vendors salary, Interest on Vendor's capital]	Charge to Pre-incorporation period.
e) <b>Expenses exclusively relating to post incorporation period:</b> [E.g. interest on Debentures, Director fees, Directors remuneration, Preliminary Expenses, Share issue Expenses, Underwriting Commission, Discount on issue of Share / Debentures, formation Expenses, Donation to political party by company]	Charge to Post-incorporation period.
f) <b>Interest on purchase consideration to Vendor:</b> <ul style="list-style-type: none"> <li>i) For the period from the date of acquisition of business to date of incorporation.</li> <li>ii) For the period from the date of incorporation to the date of payment.</li> </ul>	Charge to Pre-incorporation period Charge to Post-incorporation period
g) <b>Audit Fees:</b> <ul style="list-style-type: none"> <li>i) For companies audit under the Companies Act.</li> <li>ii) For Tax Audit under section 44 AB of the income Tax Act 1961</li> </ul>	Charge to Post incorporation period On the basis of Turnover in the respective periods.

### Example:

1. Lion Ltd. was incorporated on 01.08.20X1 to take over the running business of M/s Happy with assets from 01.04.20X1. The accounts of the company were closed on 31.03.20X2.

The average monthly sales during the first four months of the year (20X1-X2) were twice the average monthly sales during each of the remaining eight months.

Calculate time ratio and sales ratio for pre and post incorporation periods.

### Solution:

#### **Time ratio:**

Pre-incorporation period (01.04.20X1 to 01.08.20X1) = 4 months

Post incorporation period (01.08.20X1 to 31.03.20X2) = 8 months

Time ratio = 4: 8 or 1: 2

**Sales ratio:** Average monthly sale before incorporation was twice the average sale per month of the post incorporation period. If weightage for each post-incorporation month is x, then

Weighted sales ratio =  $4 \times 2x: 8 \times 1x = 8x: 8x$  or 1: 1

## PROBLEMS FOR CLASSROOM DISCUSSION

**PROBLEM 1: Computation of Sales ratio & profit/loss:** was incorporated on 1st July, 2013 to acquire a running business of Atul Sons with effect from 1st April, 2013. During the year 2013-14, the total sales were Rs. 24,00,000 of which Rs. 4,80,000 were for the first six months. The Gross profit of the company Rs. 3,90,800. The expenses debited to the Profit & Loss Account included:

- i) Director's fees Rs. 30,000
- ii) Bad debts Rs. 7,200
- iii) Advertising Rs. 24,000 (under a contract amounting to Rs. 2,000 per month)
- iv) Salaries and General Expenses Rs. 1,28,000
- v) Preliminary Expenses written off Rs. 10,000
- vi) Donation to a political party given by the company Rs. 10,000.

Prepare a statement showing pre-incorporation and post-incorporation profit for the year ended 31st March, 2014.

(A) (NEW SM) (ANS.: NET PROFIT FOR THE PRE PERIOD = RS. 360, POST PERIOD = RS.1,81,240)  
(SOLVE PROBLEM NO. 1, 2 OF ASSIGNMENT PROBLEMS AS REWORK)

**CONCEPT QUESTION:**

*What would be the impact on the above question*

i) If the Salaries and general expenses include salary paid to vendor of Rs.20,000

Note: \_\_\_\_\_

**PROBLEM 2: Computation of profit/loss for the period after adjustments:** ABC Ltd. was incorporated on 01.05.2014 to take over the business of DEF and Co. from 01.01.2014. The summarized Profit and Loss Account as given by ABC Ltd. for the year ending 31.12.2014 is as under:

	Particulars	Figures for the current reporting period
I.	Gross Profit	10,64,000
II.	Other Income (Interest on Investments)	36,000
III.	<b>Total Revenue (I + II)</b>	<b>11,00,000</b>
IV.	<b>Expenses:</b>	
	Finance costs (Interest on Debentures)	25,000
	<b>Employee Benefit Expenses:</b>	
	Salaries including manager's salary of Rs. 85,000	3,31,000
	<b>Other expenses:</b>	
i.	Rent & Taxes	90,000
ii.	Carriage Outwards	14,000
iii.	Printing & Stationary	18,000
iv.	Sales Commission	30,800
v.	Bad Debts (related to sales)	91,000
vi.	Underwriting Commission	26,000
vii.	Preliminary Expenses	28,000
viii.	Audit Fees	45,000
ix.	Loss on Sale Of Investments	11,200
<b>Total Expenses:</b>		<b>7,10,000</b>
V.	Profit (Loss) for the period (III - IV)	3,90,000

Prepare a statement showing allocation of expenses and calculations of pre-incorporation and post-incorporation profits after considering the following information:

1. G.P. ratio was constant throughout the year.
2. Sales for January and October were  $1\frac{1}{2}$  times the average monthly sales while sales for December were twice the average monthly sales.
3. Bad debts are shown after adjusting a recovery of Rs.7,000 of Bad Debt for a sale made in July, 2011.
4. Manager's salary was increased by Rs.2,000 p.m. from 1.5.2014
5. All investments were sold in April, 2014.
6. The entire audit fees relates to company.

(A) (NEW SM, SIMILAR: M15)

(ANS.: NET PROFIT FOR THE PRE PERIOD = RS. 1,86,900, POST PERIOD = RS. 2,03,100)

(SOLVE PROBLEM NO. 3 OF ASSIGNMENT PROBLEMS AS REWORK)

**CONCEPT QUESTION:***What would be the impact on the above question*

- i) If Rent upto 30<sup>th</sup> September is Rs.80,000 p.a after which it is increased to Rs.1,20,000 p.a
- ii) If instead of point (6) above ,it was given that Audit fees include Tax Audit fees of Rs.15,000.

**Note:** \_\_\_\_\_

**PROBLEM 3:** Sun Limited took over the business of a partnership firm M/s A & N Brothers with effect from 1<sup>st</sup> April, 2017. The company was incorporated on 1<sup>st</sup> September, 2017. The following profit and loss account has been prepared for the year ended 31<sup>st</sup> March, 2018.

Particulars	Rs.	Particulars	Rs.
To salaries	1,33,000	By Gross Profit b/d	7,50,000
To rent	96,000		
To carriage outward	75,000		
To audit fees	12,000		
To travelling expenses	66,000		
To commission on sales	48,000		
To printing and stationery	24,000		
To electricity charges	30,000		
To depreciation	80,000		
To advertising expenses	24,000		
To preliminary expenses	9,000		
To Managing Director's remuneration	8,000		
To Net Profit c/d	1,45,000		
	7,50,000		7,50,000

**Additional Information:**

1. Trend of sales during April, 2017 to March, 2018 was as under:

April, May	Rs.85,000 per month
June, July	Rs.1,05,000 per month
August, September	Rs.1,20,000 per month
October, November	Rs.1,40,000 per month
December onwards	Rs.1,50,000 per month

2. Sun Limited took over a machine worth Rs.7,20,000 from A & N Brothers and purchased a new machine on 1<sup>st</sup> February, 2018 for Rs.4,80,000. The company decides provide depreciation @ 10% p.a.

3. The company occupied additional space from 1<sup>st</sup> October, 2017 @ rent of Rs.6,000 per month.
4. Out of travelling expenses, Rs.30,000 were incurred by office staff while remaining expenses were incurred by salesmen.
5. Audit fees pertain to the company.
6. Salaries were doubled from the date of incorporation.

You are required to prepare a statement apportioning the expenses between pre and post incorporation periods and calculate the profit/ (loss) for such periods. (A) (N18 (N) - 12M)

(SOLVE PROBLEM NO. 4,5 OF ASSIGNMENT PROBLEMS AS REWORK)

(ANS.: NET PROFIT FOR THE PRE PERIOD = RS. 64,000, POST PERIOD = RS. 81,000)

#### CONCEPT QUESTION:

*What would be the impact on the above question?*

*(i) If point no.4 is not given in the question.*

*(ii) If it is given that advertisement expenses were incurred after incorporation.*

**Note:** \_\_\_\_\_

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**PROBLEM 4: (PRINTED SOLUTION AVAILABLE)** The partners of Maithry Agencies decided to convert the partnership into a private limited Company called MA (P) Ltd. with effect from 1<sup>st</sup> Jan., 2014. The consideration was agreed at Rs.1,17,00,000 based on the firm's Balance Sheet as at 31<sup>st</sup> Dec., 2013. However, due to some procedural difficulties, the Company could be incorporated only on 1<sup>st</sup> April, 2014. Meanwhile the business was continued on behalf of the Company and the consideration was settled on that day with interest at 12% p.a. The same books of A/c's were continued by the Company which closed its A/c's for the first time on 31<sup>st</sup> March, 2015 & prepared the following summarized Profit & Loss A/c.

Particulars	Rs.	Rs.
Sales		2,34,00,000
Cost of goods sold	1,63,80,000	
Salaries	11,70,000	
Depreciation	1,80,000	
Advertisement	7,02,000	
Discounts	11,70,000	
Managing Director's remuneration	90,000	
Miscellaneous office expenses	1,20,000	
Office-cum-show room rent	7,20,000	
Interest	9,51,000	(2,14,83,000)
<b>Profit</b>		<b>19,17,000</b>

The Company's only borrowing was a loan of Rs.50,00,000 at 12% p.a. to pay the purchase consideration due to the firm and for working capital requirements. The Company was able to double the average monthly sales of the firm, from 1<sup>st</sup> April, 2014 but the salaries trebled from that date. It had to occupy additional space from 1<sup>st</sup> July, 2014 for which rent was Rs. 30,000 per month.

Prepare statement of apportioning cost/revenue between pre-incorporation & post-incorporation periods and calculation of profits/losses for such periods. Also, suggest how the pre-incorporation profits are to be dealt with. (A) (NEW SM, SIMILAR: M18 (O)-8M)

(ANS.: NET PROFIT (POST) RS.19,36,000, PRE- INC. PERIOD (LOSS) RS. (19,000))

(SOLVE PROBLEM NO. 6 OF ASSIGNMENT PROBLEMS AS REWORK)

**CONCEPT QUESTION:**

*What would be the impact on the above question?*

(i) *If the unit cost of goods sold was reduced by 10% in the post-incorporation period as compared to pre-incorporation period.*

(ii) *If the purchase consideration was settled on 30<sup>th</sup> June, 2014.*

**Note:** \_\_\_\_\_

**PROBLEM 5: (PRINTED SOLUTION AVAILABLE) Treatment of Bad debts and PBD:** Ashok Company Limited was incorporated on 1<sup>st</sup> April to take over as from 1<sup>st</sup> January in the same year the existing business of Bijoy Brothers. Under the takeover agreement all profits made from 1<sup>st</sup> January are to belong to the Company. The purchase consideration was Rs.7,00,000. The vendors received half of it in cash on 1<sup>st</sup> July in the same year together with interest at 5% p.a. For other half of the purchase consideration, they were allotted 3,500 fully paid up shares of Rs.100 each in the Company. The following balances appeared in the Company's Ledger as at 31<sup>st</sup> December:

Particulars	Rs.	Particulars	Rs.
Share Capital: 4,500 shares of Rs.100 each fully paid (including vendor's shares)	4,50,000	Preliminary Expenses (These are to be fully written off)	8,000
Bank Overdraft	1,65,000	Salaries & Wages	48,000
Sundry Creditors	65,000	Rent Received	13,000
Fixed Deposits Received	35,000	Rates and Taxes	7,000
Freehold Land at Cost	50,000	Repairs to Building	3,000
Building at Cost	1,30,000	Miscellaneous Expenses	22,000
Furniture & Fixtures at Cost	15,000	Directors Fees	2,400
Transport Vehicles at Cost	35,000	Interest to Vendors	17,500
Stock-in-trade on 1 <sup>st</sup> January	4,20,000	Purchases	7,70,000
Book Debts	95,000	Sales	9,10,000
Cash on Hand	12,000	Goodwill	3,100

The stock-in trade as at 31<sup>st</sup> December amounted to Rs. 4,80,000. Bad debts amounting to Rs. 1,000 out of which Rs. 500 related to book debts taken over by the Company, have to be written off and a provision of Rs. 5,000 to be made for doubtful debts as at 31<sup>st</sup> December. Depreciation has to be written off: Building at 5%. Furniture & Fixtures at 10% and Transport Vehicles at 20%.

**You are required to prepare:**

a) A Profit & Loss A/c for the period from 1<sup>st</sup> January to 31<sup>st</sup> December and to compute the profit prior to incorporation. For the purpose of determining the profit prior to incorporation you should assume the turnover to be spread evenly over the year.

b) Balance Sheet as on 31<sup>st</sup> December. (A) (N11-6M)

(ANS.: NET PROFIT (POST) RS. 63,850, CAPITAL RESERVE (PRE) RS. 20,250, TOTAL OF BALANCE SHEET RS. 7,99,100)

(SOLVE PROBLEM NO. 7 OF ASSIGNMENT PROBLEMS AS REWORK)

**Note:** \_\_\_\_\_

**PROBLEM 6: Computation of Pre and post profits when there is change in GP%:** SALE Limited was incorporated on 01.08.20X1 to take-over the business of a partnership firm w.e.f. 01.04.20X1. The following is the extract of Profit and Loss Account for the year ended 31.03.20X2:

Particulars	Amount (Rs)	Particulars	Amount (Rs)
To Salaries	1,20,000	By Gross Profit	6,00,000
To Rent, Rates & Taxes	80,000		
To Commission on Sales	21,000		

To Depreciation	25,000		
To Interest on Debentures	32,000		
To Director Fees	12,000		
To Advertisement	36,000		
To Net Profit for the Year	2,74,000		
	<b>6,00,000</b>		<b>6,00,000</b>

i) SALE Limited initiated an advertising campaign which resulted increase in monthly average sales by 25% post incorporation.

ii) The Gross profit ratio post incorporation increased to 30% from 25%.

You are required to apportion the profit for the year between pre-incorporation and post-incorporation, also explain how pre-incorporation profit is treated in the accounts.

(A) (NEW SM, N17-8M)

(ANS.: NET PROFIT FOR THE (POST) PERIOD RS. 2,05,000, NET PROFIT FOR THE (PRE) PERIOD RS. 69,000)

(SOLVE PROBLEM NO. 8 OF ASSIGNMENT PROBLEMS AS REWORK)

#### CONCEPT QUESTION:

*What would be the impact on the above question?*

*i) If the business take-over was w.e.f 01.05.20X1 and Salaries include salary of the manager, who upon incorporation of the company was made a director, is Rs. 6,000 p.a. His remuneration thereafter is included in the above figure of fee to the directors.*

Note: \_\_\_\_\_

## PRINTED SOLUTIONS TO SOME SELECTIVE PROBLEMS

PROBLEM NUMBERS TO WHICH SOLUTIONS ARE PROVIDED: 4, 5

### PROBLEM NO. 4

Maithry Agencies (P) Ltd.

#### Statement showing calculation of profit/losses for pre and post incorporation periods

Particulars	Basis of allocation	Pre-inc. (Rs.)	Post-inc. (Rs.)
Sales	Sales ratio	26,00,000	2,08,00,000
<b>Less:</b> Cost of goods sold	Sales ratio	18,20,000	1,45,60,000
Salaries	W.N.4	90,000	10,80,000
Depreciation	Time ratio	36,000	1,44,000
Advertisement	Sales ratio	78,000	6,24,000
Discounts	Sales ratio	1,30,000	10,40,000
M.D.'s remuneration	Post-inc.	—	90,000
Misc. Office Expenses	Time ratio	24,000	96,000
Rent	W.N.5	90,000	6,30,000
Interest	Time ratio	3,51,000	6,00,000
Net Profit/(Loss)		(19,000)	19,36,000

#### Working Notes:

1. Calculation of Sales ratio:

Let the average sales per month in pre-incorporation period be  $x$ . Then the average sales in post-incorporation period are  $2x$ . Thus total sales are  $(3 \times x) + (12 \times 2x)$  or  $27x$ . Ratio of sales will be  $3x: 24x$  or  $1:8$ .

Time ratio is 3 months: 12 months or  $1:4$

2. Expenses apportioned on turnover ratio basis are cost of goods sold, advertisement, discounts.
3. Expenses apportioned on time ratio basis are Depreciation, and misc. office expenses.
4. Ratio for apportionment of Salaries:

If pre-incorporation monthly average is  $x$ , for 3 months  $3x$ .

Average for balance 12 months  $3x$ , for 12 months  $36x$ .

Hence ratio for division, 1:12.

#### 5. Apportionment of Rent:

Particulars	Amount (Rs.)
Total Rent	7,20,000
Additional rent for 9 months (From 1st July 20X2 to 31st March, 20X3)	(2,70,000)
Rent for old premises for 15 months at Rs. 30,000 p.m.	4,50,000

	Pre-inc.	Post-inc.
Old Premises	90,000	3,60,000
Additional rent	-	2,70,000
	90,000	6,30,000

#### PROBLEM NO.5

##### 1. computation of Time Ratio and Sales Ratio

Particulars	Pre – Incorporation period	Post – Incorporation period	Total
No. of Months = Time Ratio	1 <sup>st</sup> Apr to 30 <sup>th</sup> Jun = 3 months	1 <sup>st</sup> Jul to 31 <sup>st</sup> Mar = 9 months	3 : 9 = 1 : 3

##### 2. Trading Account for the year ending 31<sup>st</sup> March

Particulars	Rs.	Particulars	Rs.
To Opening Stock	4,20,000	By Sales	9,10,000
To Purchases	10,00,000	By Closing Stock	4,80,000
To Gross Profit c/d (Balancing figure)	2,00,000		
	13,90,000		13,90,000

##### 3. Statement showing appropriation of Profit / Losses for Pre and Post Incorporation periods

Particulars	Ratio	Pre Incorporation	Post Incorporation
<b>A. Gross Profit (Apportioned in Time Ratio)</b>	<b>1 : 3</b>	<b>50,000</b>	<b>1,50,000</b>
Add: Rent received	1 : 3	3,250	9,750
<b>Sub – Total</b>		<b>53,250</b>	<b>1,59,750</b>
<b>B. Apportionment of Expenses</b>			
Salaries and Wages	1 : 3	12,000	36,000
Miscellaneous Expenses	1 : 3	5,500	16,500
Rates and Taxes	1 : 3	1,750	5,250
Repairs of Building	1 : 3	750	2,250
Bad Debts (Direct)		500	500
Interest to Vendors (Note 2)		8,750	8,750
Depreciation (Total Deprn 6,500+1,500+7,000) = 15,000	1 : 3	3,750	11,250
Building 5% = 6,500 + Furniture 10% = 1,500 + Vehicle		-	5,000

20% = 7,000 Provision for Doubtful Debts			
Directors Fees (Direct)		-	2,400
Preliminary Expenses (Direct)		-	8,000
<b>Total Expenses</b>		<b>33,000</b>	<b>95,900</b>
<b>C. Profit (A – B)</b>		<b>20,250</b>	<b>63,850</b>

**Note:**

- 1) Preliminary Expenses can also be written off against capital Reserve arising out of Pre – Incorporation Profit.
- 2) Interest to Vendors = Rs. 7,00,000 x 10% x 3/12, for each of Pre and post Incorporation Periods.

**4. Balance Sheet as on 31<sup>st</sup> March.....**

<b>Particulars</b>		<b>Note</b>	<b>This Year</b>	<b>Previous Year</b>
<b>I</b>	<b>Equity and Liabilities:</b>			
<b>(1)</b>	<b>Shareholder's funds:</b>			
	<b>(a)</b> Share Capital	1	4,50,000	
	<b>(b)</b> Reserves and Surplus	2	84,100	
<b>(2)</b>	<b>Current Liabilities</b>			
	<b>(a)</b> Short Term Borrowings	3	2,00,000	
	<b>(b)</b> Trade Payables		65,000	
	<b>Total</b>		<b>7,99,100</b>	
<b>II</b>	<b>Assets:</b>			
<b>(1)</b>	Non – Current Assets			
	Fixed Assets:			
	<b>(a)</b> Tangible Assets	4	2,15,000	
	<b>(b)</b> Intangible Assets – Goodwill		3,100	
<b>(2)</b>	<b>Current Assets:</b>			
	<b>(a)</b> Inventories		4,80,000	
	<b>(b)</b> Trade Receivables	5	89,000	
	<b>(c)</b> Cash and Cash Equivalents		12,000	
	<b>Total</b>		<b>7,99,100</b>	

**Note 1: Share Capital**

<b>Particulars</b>		<b>This Year</b>	<b>Previous Year</b>
<b>Authorised:</b>	4,500 Equity Shares of Rs. 100 each	<b>4,50,000</b>	
<b>Issued Subscribed &amp; Paid Up:</b>	4,500 Equity Shares of Rs. 100 each	4,50,000	
(Of the above, 3,500 shares are issued for non – cash consideration on Business Takeover)		<b>4,50,000</b>	

**Note 2: Reserves and Surplus**

<b>Particulars</b>		<b>This Year</b>	<b>Previous Year</b>
Capital Reserve		20,250	
Surplus (Balance in P & L A/c i.e. post Incorporation Profit)		63,850	
<b>Total</b>		<b>84,100</b>	

**Note 3: Short Term Borrowings**

<b>Particulars</b>		<b>This Year</b>	<b>Previous Year</b>
<b>(a)</b> Bank Overdraft (Secured Borrowings)		1,65,000	
<b>(b)</b> Fixed Deposit Received (Unsecured Borrowings) (Assumed as Short Term)		35,000	
<b>Total</b>		<b>2,00,000</b>	

**Note 4: Tangible Fixed Assets**

Item	Gross Block / Cost			Depreciation			Net Block / WDV	
	Opg Bal.	Addns / (Dedns)	Ctg Bal	Opg Bal.	Addns / (Dedns)	Ctg Bal	As at Yr Beginning	As at Yr End
Column	(1)	(2)	(3) = 1+2	(4)	(5)	(6) = 4+5	(7) = 1-4	(8) = 3-6
Freehold Land			50,000			-		50,000
Building 5%			1,30,000			6,500		1,23,500
Furniture & Fittings 10%			15,000			1,500		13,500
Transport Vehicle 20%			35,000			7,000		28,000
<b>Total</b>			<b>2,30,000</b>			<b>15,000</b>		<b>2,15,000</b>

**Note 5: Trade Receivables**

Particulars	This Year	Previous Year
Sundry Debtors	94,000	
<b>Less:</b> Provision for Doubtful Debts	(5,000)	
<b>Total</b>	<b>89,000</b>	

**ASSIGNMENT PROBLEMS**

**PROBLEM 1: Computation of sales ratio & G.P.:** Rama Dayog Limited was incorporated on August 1, 2013. It had acquired a running business of Ramz & Co. with effect from April 1, 2013. During the year 2013-14, the total sales were Rs. 36,00,000. The sales per month in the first half year were half of what they were in the later half year. The net profit of the company, Rs. 2,00,000 was worked out after charging the following expenses:

(i) Depreciation Rs. 1,23,000, (ii) Directors' fees Rs. 50,000, (iii) Preliminary expenses Rs. 12,000, (iv) Office expenses Rs. 78,000, (v) Selling expenses Rs. 72,000 and (vi) Interest to vendors up to August 31, 2013 Rs. 5,000. Please ascertain pre-incorporation and post-incorporation profit for the year ended 31st March, 2014.

(A) (OLD PM) (ANS.: NET PROFIT FOR THE PRE PERIOD = RS. 33,000, POST PERIOD = RS. 1,67,000)

**PROBLEM 2: Computation of Sales ratio & profit/loss:** The promoters of Glorious Ltd. took over on behalf of the company a running business with effect from 1<sup>st</sup> April, 2012. The company got incorporated on 1<sup>st</sup> August, 2012. The annual accounts were made up to 31<sup>st</sup> March, 2013 which revealed that the sales for the whole year totalled Rs. 1,600 lakhs out of which sales till 31<sup>st</sup> July, 2012 were for Rs. 400 lakhs. Gross profit ratio was 25%.

The expenses from 1<sup>st</sup> April 2012, till 31<sup>st</sup> March, 2013 were as follows:

Particulars	(Rs. in lakhs)
Salaries	69
Rent, Rates and Insurance	24
Sundry Office Expenses	66
Travelers' Commission	16
Discount Allowed	12
Bad Debts	4
Directors' Fee	25
Audit Fee	9
Depreciation on Tangible Assets	12
Debenture Interest	11

Prepare a statement showing the calculation of Profits for the pre-incorporation and post incorporation periods. **(Note:** Audit fees assumed to be in relation to Tax Audit)

(A) (NEW SM, M13, M18 (N) - 10M) (ANS.: NET PROFIT PRE-RS.32.75, POST RS.119.25)

**PROBLEM 3:** Aditi (P) Ltd was incorporated on 01.08.2017 to take over the business of M/s Devas & co from 01.04.2017. The profit & loss account as given by Aditi(P) Ltd for the year ending 31.03.2018 is as under:

Particulars	Amount(Rs)	Particulars	Amount(Rs)
To advertisement	99,000	By gross profit b/d	9,45,000
To audit fee	15,000	By interest on investment	16,000
To bad debts(related to sales)	27,000		
To depreciation	21,000		
To discount	9,000		
To interest on debentures	80,000		
To preliminary expenses	12,000		
To rent	1,40,000		
To salaries	4,48,000		
To underwriting commission	20,000		
To net profit	90,000		
Total	9,61,000	Total	9,61,000

Prepare profit & loss account showing allocation of pre-incorporation and post incorporation profits after considering the following information

1. GP ratio was constant throughout the year.
2. Sales for August 2017 to November 2017 were 1 1/2 times the average monthly sales, while for December 2017 to March 2018 were 2 times the average sales.
3. The company had to occupy additional space from 1<sup>st</sup> December 2017 for which rent was Rs 5000 per month.
4. Bad debts are shown after adjusting a recovery of Rs 9000 of bad debts for a sale made in July 2017.
5. Salary of one manager was increased by Rs 2000 p.m. from August 2017. Salary of other employees remains unchanged.
6. All investments were sold in May 2017 at a profit of Rs 27,000. Profit on sale of investment inadvertently included to sales and ultimately to gross profit.'

**PROBLEM 4: Computation of all ratios & profit/loss for the period:** The partners Kamal and Vimal decided to convert their existing partnership business into a private limited company called M/S. KV trading private ltd. With effect from 01.07.2014. The same books of accounts were continued by the company which closed its accounts for first term on 31.03.2015.

The summarized Profit and Loss account for the year ended 31.03.2015 is below:

Particulars	Rs. in lakhs	Rs. in lakhs
Turnover		240.00
Interest on Investment		6.00
		246.00
<b>Less:</b> Cost of Goods sold	102.00	
Advertisements	3.00	
Sales Commission	6.00	
Salary	18.00	
Managing Directors Remuneration	6.00	

Interest on Debentures	2.00	
Rent	5.50	
Bad Debts	1.00	
Under writing Commission	2.00	
Audit Fees	2.00	
Loss on Sale of Investments	1.00	
Depreciation	4.00	152.50
		<b>93.50</b>

**The following additional information was provided:**

- The average monthly sales doubled from 01.07.2014. GP ratio was constant.
- All investments were sold on 31.05.2014.
- Average monthly salary doubled from 01.10.2014.
- The company occupied additional space from 01.07.2014 for which rent of Rs. 20,000 per month was incurred.
- Bad debts recovered amounting to Rs.50,000 for a sale made in 2012, has been deducted from bad debts mentioned above.
- Audit fees pertain to the company.

Prepare a statement apportioning the expenses between pre and post incorporation periods and calculate the profit or loss for such periods. Also suggest how the pre-incorporation profits are to be dealt with.

(A) (NEW SM) (ANS.: NET PROFIT: PRE: RS. 18.79 LAKHS; POST: RS. 74.71 LAKHS)

**PROBLEM 5:** Roshani & Reshma working in partnership registered a joint stock company under the name of Happy Ltd. on May 31st 2017 to take over their existing business. The summarized Profit & Loss A/c as given by Happy Ltd. for the year ending 31st March, 2018 is as under:

**Happy Ltd.**

**Profit & Loss Account for the year ending March 31, 2018**

Particulars	Amount (Rs.)	Particulars	Amount (Rs.)
To Salary	1,44,000	By Gross Profit	4,50,000
To Interest on Debenture	36,000		
To Sales Commission	18,000		
To Bad Debts	49,000		
To Depreciation	19,250		
To Rent	38,400		
To Audit fees (Company Audit)	12,000		
To Net Profit	1,33,350		
<b>Total</b>	<b>4,50,000</b>	<b>Total</b>	<b>4,50,000</b>

You are required to prepare a Statement showing allocation of expenses and calculation of pre-incorporation and post- incorporation profits after considering the following information:

- GP ratio was constant throughout the year.
- Depreciation includes Rs. 1,250 for assets acquired in post incorporation period.
- Bad debts recovered amounting to Rs. 14,000 for a sale made in 2014-15 has been deducted from bad debts mentioned above.
- Total sales were Rs. 18,00,000 of which Rs. 6,00,000 were for April to September.
- Happy Ltd. had to occupy additional space from 1st Oct. 2017 for which rent was Rs. 2,400 per month.

(B) (RTP N18 (N&O)) (ANS.: NET PROFIT (PRE): RS. 24,000; NET PROFIT (POST): RS. 1,09,350)

**PROBLEM 6: Computation of all ratios and Interest on Purchase consideration:** The partnership of Surya Agencies decided to convert the partnership into Private Limited Company named Sohna Company Pvt. Ltd. with effect from 1<sup>st</sup> January, 2014. The consideration was agreed at Rs. 2,34,00,000 based on firm's Balance Sheet as on 31<sup>st</sup> December, 2013. However, due to some procedural difficulties, the company could be incorporated only on 1<sup>st</sup> April, 2014. Meanwhile, the business was continued on behalf of the company and the consideration was settled on that day with interest at 12% p.a. The same books of accounts were continued by the company, which closed its accounts for the first time on 31<sup>st</sup> March, 2015 and prepared the following summarized Profit and Loss account:

Particulars	Rs.	Particulars	Rs.
To Cost of goods sold	3,27,60,000	By Sales	4,68,00,000
To Salaries	23,40,000		
To Depreciation	3,60,000		
To Advertisement	14,04,000		
To Discount	23,40,000		
To Managing Director's remuneration	1,80,000		
To Miscellaneous office expenses	2,40,000		
To Office cum showroom rent	14,40,000		
To Interest	19,02,000		
To Profit	38,34,000		
	<b>4,68,00,000</b>		<b>4,68,00,000</b>

The company's only borrowing was a loan of RS. 1,00,00,000 at 12% p.a. to pay the purchase consideration due to the firm and for working capital requirements. The company was able to double the monthly average sales of the firm from 1<sup>st</sup> April, 2014, but the salaries trebled from the date. It had to occupy additional space from 1<sup>st</sup> July, 2014 for which rent was RS. 60,000 per month. Prepare a statement showing apportionment of costs and revenue between pre incorporation and post-incorporation periods.

(A) (RTP N15) (ANS: NET PROFIT: PRE: RS.(38,000), POST: RS.38,72,000)

**PROBLEM 7:** Inder and Vishnu, working in partnership registered a joint stock company under the name of Fellow Travellers Ltd. on May 31, 20X1 to take over their existing business. It was agreed that they would take over the assets of the partnership from January 1<sup>st</sup>, 20X1 for a sum of Rs.3,00,000 and that until the amount was discharged they would pay interest on the amount at the rate of 6% per annum. The amount was paid on June 30, 20X1. To discharge the purchase consideration, the company issued 20,000 equity shares of Rs.10 each at a premium of Rs.1 each and allotted 7% Debentures of the face value of Rs.1,50,000 to the vendors at par. The summarized Profit and Loss Account of the "Fellow Travellers Ltd." for the year ended 31<sup>st</sup> December, 20X1 was as follows:

Particulars	Rs.	Particulars	Rs.
To Purchase, including Inventory	1,40,000	By Sales:	
To Freight and carriage	5,000	1st January to 31st May 20X1	60,000
To Gross Profit c/d	60,000	1st June to 31st Dec., 20X1	1,20,000
		By Inventory in hand	25,000
	<b>2,05,000</b>		<b>2,05,000</b>
To Salaries and Wages	10,000	By Gross profit b/d	60,000
To Debenture Interest	5,250		
To Depreciation	1,000		
To Interest on purchase Consideration (up to 30-6-20X1)	9,000		
To Selling commission	9,000		
To Directors' Fee	600		
To Preliminary expenses	900		
To Provision for taxes (entirely related with company)	6,000		
To Dividend paid on equity shares @ 5%	5,000		
To Balance c/d	13,250		
	<b>60,000</b>		<b>60,000</b>

Prepare statement apportioning the expenses and calculate profits/losses for the 'post and pre-incorporation' periods and also show how these figures would appear in the Balance Sheet of the company.

(A) (NEW SM) (ANS.: NET PROFIT FOR THE PRE PERIOD = RS. 4,917, POST PERIOD = RS. 13,333)

**PROBLEM 8: Computation of COGS Ratio as purchase price had increased by 10% in post incorporation period:** The business carried on by Khushilal under the name "Lost Horizon" was taken over as a running business with effect from 1<sup>st</sup> July, 2012 by North Horizon Ltd. which was incorporated on 1<sup>st</sup> October, 2012. The same set of books was continued since there was no change in the type of business and the following particulars of profits for the year ended 30<sup>th</sup> June, 2013 were available:

Particulars	Amount (Rs.)	Amount (Rs.)
<b>Sales:</b> Company period	40,000	
Prior period	10,000	50,000
Selling Expenses	2,000	
Preliminary Expenses written off	1,200	
Salaries	3,600	
Directors' Fees	1,200	
Interest on Capital (up to 30-09-12)	700	
Variable Expenses	1,500	
Depreciation	2,800	
Rent	4,800	
Purchases	25,000	
Carriage Inwards	1,019	(43,819)
Net profit		6,181

The purchase price (including carriage inwards) for the Company period had increased by 10% as compared to pre-incorporation period. No, stocks were carried either at the beginning or at the end.

**You are required** to draw up a statement showing the amount of pre and post-incorporation profits stating the basis of allocation of expenses.

(A) (RTP N14, RTP M18 (N&B)) (ANS.: CAPITAL LOSS (PRE) RS. (251), NET PROFIT (POST) RS 6,432)

### ADDITIONAL PROBLEMS FOR SELF PRACTICE

**PROBLEM 1: Computation of Sales Ratio in various situations:** From the following information, calculate the ratio of Sales in each case separately.

a)

- i) Date of acquisition - 1<sup>st</sup> April, 2013; date of incorporation - 1<sup>st</sup> July, 2013 and date of closing the books of accounts - 31<sup>st</sup> March, every year.
- ii) The sales for the year ending on 31<sup>st</sup> March, 2014 were Rs.24,00,000 of which Rs. 4,80,000 goods were sold during the first six months of the accounting period.

b)

- i) The accounts were made up to 31<sup>st</sup> December, 2013. The company was incorporated on 1<sup>st</sup> May, 2013 to take over a business from the preceding 1<sup>st</sup> January.
- ii) Total sales for the year were Rs.12,00,000. It is ascertained that the sales for November and December are one and half times the average of those for the year, whilst those for February and April are only half the average.

c)

- i) Hello Ltd. was incorporated on 1<sup>st</sup> July, 2013 to take the existing business of X from 1<sup>st</sup> April, 2013. Date of closing the books of account - 31<sup>st</sup> March, 2014.
- ii) Monthly sales in April 2013, February 2014 and March 2014 are double the average monthly sales for remaining months of the year.

(B) (RTP M14) (ANS.: SALES RATIO (A) 1:9 (B) 1:3, (C) 4:11)

**PROBLEM 2: Computation of sales & rent ratios:** A firm M/s. Alag which was carrying on business from 1<sup>st</sup> July, 2013 gets itself incorporated as a company on 1<sup>st</sup> November, 2013. The first accounts are drawn up to 31<sup>st</sup> March 2014. The gross profit for the period is Rs. 56,000. The general expenses are Rs. 14,220; directors' fees Rs. 12,000 p.a.; Incorporation expenses Rs. 1,500. Rent up to 31<sup>st</sup> December is Rs. 1,200 p.a., after which it is increased to Rs. 3,000 per annum. Salary of the manager, who upon incorporation of the company was made a director, is Rs. 6,000 p.a. His remuneration thereafter is included in the above figure of fee to the directors.

Give Statement showing pre and post incorporation profit. The net sales are Rs.8,20,000 the monthly average of which for the first four months is one half of that of the remaining period the company earned a uniform profit. Interest and tax may be ignored

(B) (OLD PM, N11)

(ANS.: NET PROFIT: PRE - RS. 7,280, POST - RS. 24,650)

**PROBLEM 3: Computation of all ratios:** ABC Ltd. took over a running business with effect from 1<sup>st</sup> April, 2013. The company was incorporated on 1<sup>st</sup> August, 2013. The following Profit and Loss Account has been prepared for the year ended 31.03.2014.

	Particulars	Figures for the current Reporting period
I	Gross Profit	3,20,000
II	Total Revenue (I + II)	3,20,000
III	<b>Expenses:</b>	
	Finance costs(interest on debentures)	3,000
	<b>Employee Benefit Expenses:</b>	
i.	Salaries	48,000
ii.	Directors Fees	11,200
	Depreciation and amortization expenses	9,600
	<b>Other expenses:</b>	
i.	Stationary	4800
ii.	Travelling Expenses	16,800
iii.	Advertisement	16,000
iv.	Miscellaneous trade expenses	37,800
v.	Rent (Office Building)	26,400
vi.	Electricity Charges	4,200
vii.	Bad debts	3,200
viii.	Commission to selling agents	16,000
ix.	Tax Audit Fee	6,000
x.	Interest paid to Vendor	4,200
xi.	Selling Expenses	25,200
	<b>Total Expenses:</b>	2,32,400
IV	Profit (Loss) for the period (II - III)	87,600

#### Additional Information:

- Total sales for the year, which amounted to Rs.19,20,000 arose evenly up to the date of 30.09.2013. Thereafter they spurted to record an increase of two-third during the rest of the year.
- Rent of office building was paid @ Rs. 2,000 per month up to September, 2013 and thereafter it was increased by Rs.400 per month.
- Traveling expenses include Rs. 4,800 towards sales promotion.
- Depreciation includes Rs.600 for assets acquired in the post incorporation period.
- Purchase consideration was discharged by the company on 30<sup>th</sup> September, 2013 by issuing equity shares of Rs.10 each.

Prepare statement showing calculation of Profits and allocation of expenses between pre and post incorporation periods.

(A) (OLD PM, M10, MTP N17, MTP2 M18 (N&O))

(ANS.: NET PROFIT FOR THE (POST) PERIOD RS. 74,800, NET PROFIT FOR THE (PRE) PERIOD RS. 12,800)

**PROBLEM 4:** BRIGHT Ltd. was formed to take over a running business of Mr. BRIGHT with effect from 1<sup>st</sup> April 20X1. The company was incorporated in 1<sup>st</sup> Aug. 20X1 and the certificate of Commencement of business was received on 1<sup>st</sup> Oct. 20X1. No entries relating to the transfer of the business were entered in the books which were continued until 31<sup>st</sup> March 20X2. Trial Balance was extracted from the books as on 31<sup>st</sup> March 20X2.

Journal		
Particulars	Dr. (Rs.)	Cr. (Rs.)
Sales	-	9,60,000
Cost of Goods Sold	7,77,000	-
Rent	40,000	-
Salaries	21,000	-
Travelling Expenses	8,400	-
Depreciation	4,800	-
Carriage outward	400	-
Printing & Stationary	2,400	-
Advertisement	8,000	-
Miscellaneous Expenses	12,600	-
Directors' fees	600	-
Managing Director's Remuneration	4,100	-
Bad debts	1,600	-
Commission & Brokerage to Selling Agents	8,000	-
Audit Fees	3,000	-
Interest on Debentures	1,500	-
Interest paid to Vendors	2,100	-
Selling & Distribution Expenses	12,000	-
Preliminary Expenses	1,500	-
Underwriting Commission	900	-
Fixed Assets	3,65,000	-
Current Assets	43,800	-
BRIGHT's capital as on 01.04.20X1	-	2,78,000
Current Liabilities	-	30,700
Debentures	-	50,000

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#### Additional Information:

- Total Sales for the year arose evenly up to the date of certificate of Commencement where after they spurted to record an increase of two thirds during the rest of the year.
- The Company deals in one type of product. The unit cost of goods sold was reduced by 10% since 1<sup>st</sup> Aug. 20X1 as compared to the pre-incorporation period.
- Rent of old office building was increased to the by 20% since 1<sup>st</sup> Nov. 20X1. It had to occupy additional space from 1<sup>st</sup> July 20X1 for which rent was Rs.3,000 p.m.
- The salaries were Tripled from 1<sup>st</sup> July 20X1
- Travelling Expenses include Rs.2,400 towards sales promotion.
- Depreciation includes Rs.300 for new assets acquired in Aug. 20X1.
- Purchase consideration was discharged by the company on 30<sup>th</sup> Sept. 20X1 by issuing 30,000 Equity Shares of Rs.10 each.

**Required:** Prepare the Profit & Loss Account in a columnar form, showing the allocation of profits between pre-incorporation and post-incorporation periods indicating the basis of allocation and also Balance sheet as on 31<sup>st</sup> March 20X2.

**THE END**