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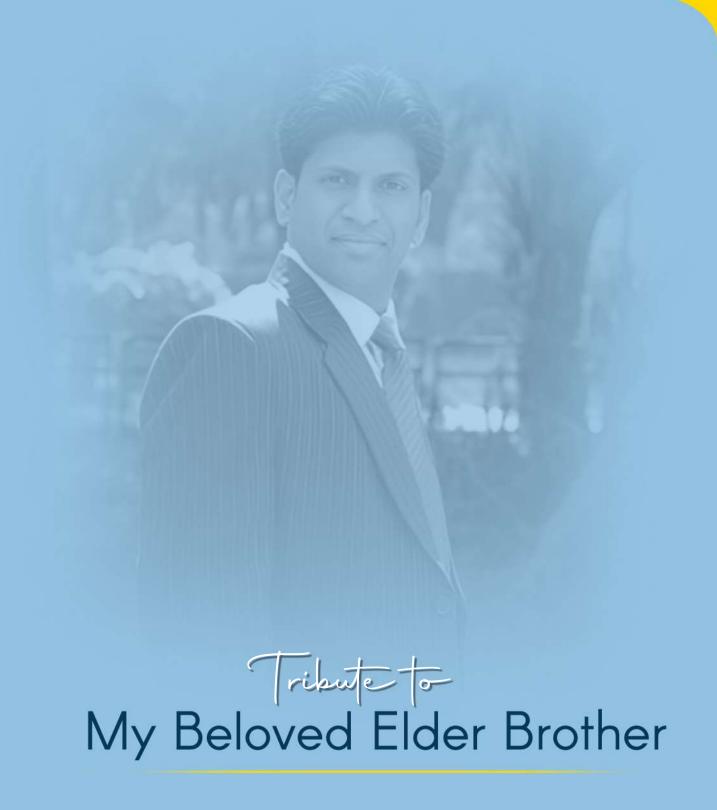
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Sachin Garg

(Inspiration for me and all my students) who left for heavenly abode on 3rd May, 2015





CA RAHUL GARG





Cleared all the 3 Professional courses

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in Professional Exams (A Record).



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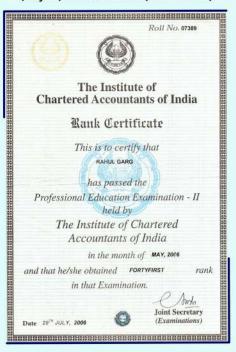
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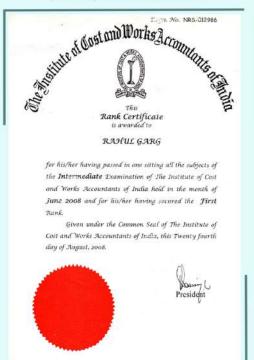
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RANK Certificate for All India Rank-1 (June 08) in CMA Inter Exams



RANK Certificate for All India Rank-3 (June 09) in CMA Final Exams



A SPECIAL THANKS TO MY BIGGEST STRENGTH,

My wife Shikha Garg



Who Has always been my Side in all the Challenges.

This publication could **not have been possible without her.**

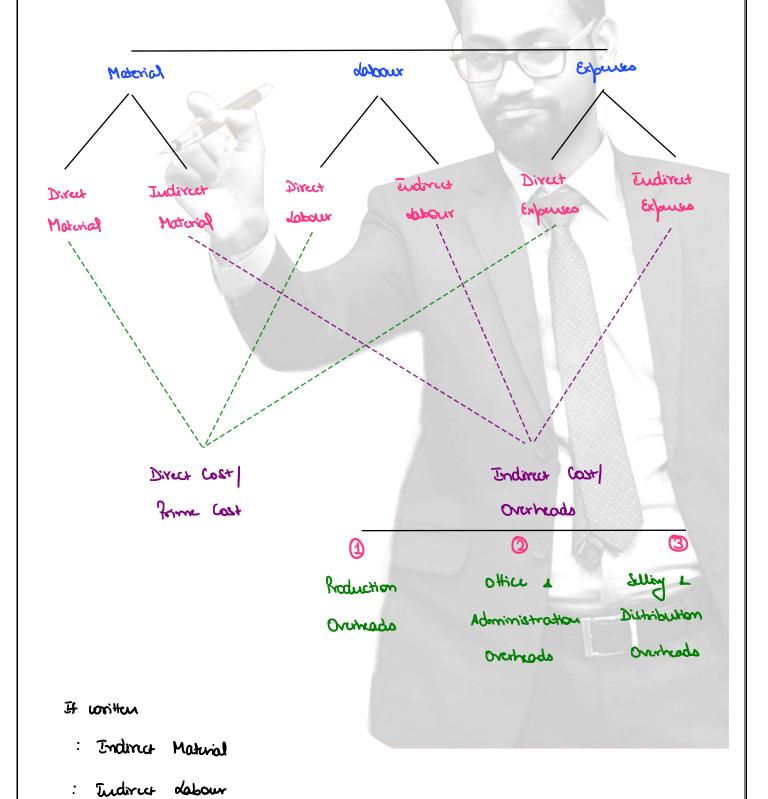
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COST SHEET

CONCEPT

CLASSIFICATION OF EXPENSES



COST SHEET (NEW FORMAT)

			Cost per unit
1.	Direct Materials Consumed		
2.	Direct Labour	1	
3.	Direct Expenses	1/8	
4.	Prime Cost (1 + 2 + 3)		
5.	Works Overheads		
6.	Gross Factory Cost on FG & WIP (4 + 5)		
7.	Opening Stock of Work-in-progress		
8.	Closing Stock of Work-in-progress	1500	
9.	Net Factory Cost on FG (6 + 7 - 8)		
10.	Quality Control Cost		
11.	Research & Development Cost		
12.	Administration Overheads (relating to production activity)		
13.	Less: Credit for Recoveries/ Scrap/ By-Products/ Misc. income		
14.	Add : Packing Cost (Primary)		14
15.	Cost of Production (9 + 10 + 11 + 12 - 13 + 14)		
16.	Opening Stock of Finished Goods		
17.	Closing Stock of Finished Goods		A
18.	Cost of Goods Sold (15 + 16 - 17)		
19.	Administrative Overheads (General)		
20.	Marketing Overheads (Selling & Distribution Expenses)	7-34	
21.	Cost of Sales (18 + 19 + 20)		
22.	Profit	W V	
23.	Sales (21 + 22)		

```
+ lurchases of RM

- hurchase Rehum of RM

- couringe Invoords

- closing stock of RM

- NI Scrop of RM

- NI Scrop of RM
```

CONCEPT PRI

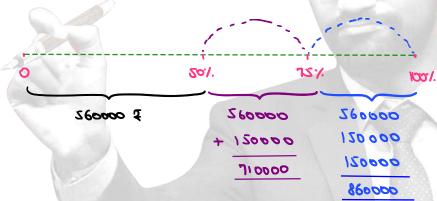
PRIME COST VS. FACTORY COST VS. CONVERSION COST

	Prime Cost	Conversion Cost	Factory Cost
Direct Material		ANDERS	
Direct Labour			
Direct Expenses		V4.	
Factory Overheads		X	

CONCEPT VALUATION OF CLOSING STOCK OF FINISHED GOODS Units hoduled - Units classing stock (write) x cost of froduction with closing stock (7) Cost of Production | Unit In absence of Openby Stock Opening Stock Weighted Aerope FIFO cost of hoduction cost at froduction + cost of opining stock Units Produced Units Produced + opening stock Units

SPECIAL TREATMENT OF SEMI-VARIABLE OVERHEADS WHEN THE PRODUCTION CAPACITY VARIES DURING THE YEAR

- ✓ Maximum production capacity of JK Ltd. is 5,20,000 units per annum.
- ✓ Semi variable Overheads are ₹ 5,60,000 per annum up to 50% capacity and additional ₹ 1,50,000 per annum for every 25% increase in capacity or a part of it.
- ✓ JK Ltd. worked at 60 per cent capacity for the first three months during the year 2008, but it is expected to work at 90 per cent capacity for the remaining nine months.



duni-Variable Overheads

: for First 3 Months =

: for Dext 9 Months =

CONCEPT

PREPARATION OF PRODUCT WISE COST SHEET IN CASE OF MULTI PRODUCT ORGANISATION

Multi hoduct means > 1 hoduct.

Production Ratio

Material Ratio

MATERIAL COSTING

CONCEPT

ECONOMIC ORDER QUANTITY

$$MS + 100 + 100 \times (2+in0) = 003 = 003$$

- = Amual Demand of law Material (Units)
- = Ordering cost order (I) = carrying cost orit ?a. (I) C

		D = 1.C	
CONICERT		Page 6	DO.
CONCEPT		NUMBER OF ORDE	HS
			46
CONCEPT	ORDER FRE	QUENCY/ ORDER SCHEDUL	E/ TIME B/W 2 ORDERS
CONCEPT		COMPONENTS OF C	OST
	1		
Particulars		Relevant Cost/ Related Cost/ System Cost/ Variable Cost	Total Cost
Purchase Cost			
Ordering Cost			
Carrying Cost			
CONCEPT		COMPUTATION OF C	OST
CONOLIT		CONTRACTOR OF C	
Particulars		Formula	TO COMPLEXA
Purchase Cost			
Ordering Cost			
Carrying Cost			
CONCEPT	E	EOQ VS. NON EOQ (WITHOU	r discount)
Find EOQ first o	f all.		

rticulars	EOQ	NON EOQ
chase Cost		
ering Cost		3/3
ring Cost		

EOQ VS. NON EOQ (WITH DISCOUNT)

Find EOQ first of all.

Particulars	EOQ	NON EOQ
Purchase Cost		
Ordering Cost	7	
Carrying Cost		

CONCEPT

APPLICATION OF FORMULA OF "OC + CC"

PRICE BREAK

Particulars	1	2	3	4
Order Quantity				
Purchase Cost		X		
Ordering Cost		V	391	9
Carrying Cost				

CONCEPT

STOCK LEVELS

Re-Order Level	_evel ✓ Maximum Consumption × Maximum Reorder Period			
	or			
	✓ Safety Stock Level + (Normal Consumption × Normal Re-order Period)			
Minimum Level	✓ Re-order level - (Normal Consumption × Normal Re-order Period)			
Maximum Level	✓ Re-order Level + Reorder quantity - (Minimum Consumption × Minimum Re-			
	order Period) OR			
	✓ EOQ + Safety Stock Level			
Average	✓ Minimum level + 1 Re-order quantity OR			
Inventory Level	2			
	✓ <u>Maximum level + Minimum level</u>			
	2			
Danger Level	✓ Minimum/ Normal consumption × Maximum Re-order period for emergency			
	purchases			

- ✓ Consumption & Lead Time always go hand in hand.
- ✓ For danger level, if Maximum Re-order period for emergency purchases is not given, assume it to be less than minimum lead time.
- Normal/average consumption = Minimum Consumption + Maximum Consumption 2
- ✓ Normal/average Reorder Period = Minimum Rooder Period + Maximum Rooder Period 2

MATERIAL TURNOVER RATIO & MATERIAL HOLDING PERIOD

It indicates the speed with which the material is consumed.

	F 1	
Material	Formula	cost of law Material Consumed
Turnover		
Ratio		Arroye Stock of law Matriol
	Cost of Raw	opening stock of law Material
	Material	
	Consumed	+ Purchases of Naw Material
	Consumed	- closing stock of law Material
	Average Stock	Opening stock of RM + clasing stock of RM
	of Raw Material	
		2
	Interpretation	
Material	Formula	360 Days / 52 weeks / 12 Months
Holding		Material Tlo Ratio
Period		Materior 10 Kara
	Interpretation	

CONCEPT

COMPUTATION OF MATERIAL COST

Inclusions	Purchase Price		
	Custom Duty		
	Freight		
Exclusions	Trade Discount		
	Quantity Discount		
	Subsidy/ Grant		
Special Points	Don't deduct cash discount		
	Add Road Tax/ Toll Tax/ Entry Tax/ Octroi, if paid by buyer		
	Don't add GST if credit is available		
	Don't add Demurrage or Detention Charges		

Page | 10

In case of non-returnable containers, add the total cost

In case of returnable containers, add the total cost of containers and then deduct the amount refunded by supplier at the time of return

CONCEPT PURCHASE OF MORE THAN 1 MATERIAL IN SINGLE ORDER

Expense	Apportionment
Sales Tax	Apportion in the ratio of Invoice Price.
Freight	Apportion in the ratio of Purchase Quantity.
Octroi	Apportion in the ratio of Net Quantity Received.

CONCEPT

COMPUTATION OF STOCK RATE

Particulars	A	В	С
Quantity Purchased			
Less : Shortage etc.			
= Net Quantity Received			
Less: Provision for further deterioration			
= Effective Quantity			

Stock Rate = <u>Total Cost of Purchase</u> Effective Quantity

CONCEPT

ABC (ALWAYS BETTER CONTROL)

Meaning	This system divides whole category of items in 3 parts - A, B & C, to exercise discriminating control over these categories of items based on their importance.				
Categorisation	Category	Category % of Total Value % of Total Items Control			
	Α	Huge investment	Small Percentage	Highest Degree of	
		Around 70%	Around 10%	Control	
	В	Moderate investment	Moderate Percentage	Moderate Degree	
		Around 20%	Around 20%	of Control	
	С	Least investment	Least Percentage	Least Degree of	
		Around 10%	Around 70%	Control	





Congratulates!

It's All India Rank Holders

THEY BELIEVED, THEY DID, SO CAN YOU



#Kunal



#Arpita



#Utkarsh



#Mauj Arif



#Abhinav



#Jatin



#Zainul



#Kali



#Shubham



#Pari



#Mohnish



#Rhythm



#Naman



#Satakshi



#Sohan



#Aryan



#Mayank



#Rohini



#Daksh



#Neerav

STORES LEDGER

It is maintained to keep a check on movement of materials.

Date	Receipts		Issues		Balances				
	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt
					X		11		
								7	
					V			9	

Special Points			
Purchase of material at the rate,	If such rate is appearing at the bottom in balance column,		
when such rate is already appearing	only then club the quantities.		
in Balance Column			
Freight amount given along with	Add amount of freight in purc	hase price.	
Purchase Price			
Transfer from 1 Job to Other Job	No effect.		
Transfer from 1 Department to	No effect.		
Other Department			
Return to Supplier	It will come in ISSUE Column.		
	It will be entered at Same Rate, at which it was purchased		
Return from Production to Stores	It will come in RECEIPTS Colu	mn	
Return from Froduction to Stores	Qs Specifies Date of Issue	Value at the rate of issue	
	Qs Specifies Date of Issue	of such date	
	Qs Doesn't Specify Date of	Value at the rate of latest	
	Issue	issue	
	If FIFO, write at the top in balance column.		
	If LIFO, write at the bottom in balance column.		

Shortage Surplus
Treat as Issue Treat as Recuipt

wab barrond dow

· doss is to be taken to

Costing PIL Alc

by Jood units

t It intlates the price

of balance joods

LABOUR COSTING

CONCEPT

LABOUR TURNOVER RATIO

It is the rate of change in the composition of labour force of an organization.

Separation Method	Number of employees separated during the year Average number of employees on roll during the year × 100	
Replacement method	$\frac{\text{Number of employees replaced during the year}}{\text{Average number of employees on roll during the year}} \times 100$	
Flux method (Variant 1) No. of emp. seperated+No. of emp. replaced during the year Average number of employees on roll during the year		
Flux method (Variant 2)	No. of emp. seperated + No. of accessions during the year Average number of employees on roll during the year	
Labour turnover due to new recruitment Number of new employees joining during the year × 100 Average number of employees on roll during the year		
Labour turnover due to accessions during the year Average number of employees on roll during the year × 100		

Average no. of workers on roll = Workers in the beginning + Workers at the end

2

Con	Computation of Workers at the End		
	Particulars	Workers	
	Workers in the Beginning		
+	Workers Replaced		
+	Workers Recruited under Expansion		
-	Workers Separated		
	Workers at the end		

Equivalent Annual Labour Turnover Rate

 $\frac{\text{Labour Turnover Rate Computed for the given period}}{\text{Days or Months in the given period}} \times 365/12$

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If Question provides LTR itself

First of all, find average no. of workers

- If workers separated are given, apply separation method to find average no. of workers
- If workers replaced are given, apply replacement method to find average no. of workers

Impact of Labour Turnover		
Given Cost	Computed Cost	
Settlement Cost	Cost of Rectification	
Recruitment Cost	Contribution Lost due to Unproductive Hours	
Selection Cost		
Training Cost		

CONCEPT

COMPUTATION OF LABOUR HOUR RATE

Computation of Gross Wages, Labour Cost, Net Wages				
Particulars	Amount			
Basic Pay				
+ D.A.				
+ Leave Salary				
+ Bonus				
+ Canteen Subsidy				
GROSS WAGES				
+ E's Contribution to PF				
+ E's Contribution to ESI				
LABOUR COST				
- e's Contribution to PF				
- e's Contribution to ESI				
NET WAGES				

Computation of Effective Hours	
Particulars	
Total Days Available	
- Leave Days	
- Holidays	
x Actual Days Worked	
Hours/ Day	

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channel/UCOpn4J1gb2q4e98

Page | 15 = Actual Hours Available - Normal Idle Time Computation Of Labour Hour Rate TWO BROAD METHODS OF PAYMENT CONCEPT Time Rate Piece Rate Picco Straight Piece Rate Differential Piece **COMPUTATION OF EFFICIENCY CONCEPT** Time Boois Output Basis Actual OIP Standard GP

PREMIUM BONUS PLANS

Halsey Plan

(Actual Time Taken × Time Rate) + 50% [Time saved × Time Rate]

Rowan Plan

(Actual Time Taken × Time Rate) + Time saved/ Time Allowed × [Actual Time × Time Rate]

Actual Time Token = Actual Time for Actual Production

Standard Time Time Allered = Standard Time for Actual Production

CONCEPT

TREATMENT OF IDLE TIME

It is the time during which worker is not working.

Normal Idle Time	Abnormal Idle Time
Unavoidable	Avoidable
Ex : Meals Break	Ex: Strike
Treated as cost of production	Transferred to Costing P/L
Wage rate is inflated.	

TREATMENT OF OVERTIME

Work done by the worker beyond normal working hours is called Overtime work.

Circumstances	Treatment
When it is required regularly as a policy due to	Each job is charged with weighted rate/hour
labour shortage	(usually computed from past year data). Wages
	are charged to direct labour cost.
When it is done to meet irregular production	Normal wages for all the hours are charged to
requirements	direct labour cost.
	OT Premium is charged to Factory Overheads.
When it is desired at customer's request to	Labour cost is charged to each job with actuals.
complete the work within specified time	
When it is required to make up any short fall in	Overtime wages are charged to Costing P/L.
production due to abnormal conditions such as	
flood, earthquake etc.	
When it can be attributed to the fault of any	Overtime wages are charged to that specific
particular department	department.

OVERHEADS

COLICEDT		ADOCDETION	
1 ·1 IKII ·ED1			
CONCEPT	UNDER OR OVER	ADJUNETUN	UL UVENILADO

Absorbed Overheads	Actual Base x Predetermined Overhead Recovery Rate
Actual Overheads	Given Amount - Adjustments (if any)

	Actual O/Hs Vs. Absorbed O/Hs							
Under-Absorption	Full-Absorption	Over-Absorption						
Actual Overheads	Actual Overheads	Actual Overheads						
>	A =							
Absorbed Overheads	Absorbed Overheads	Absorbed Overheads						

Treatment of Under/ Over Absorbed O/Hs							
Abnormal Reason	Normal Reason						
Ex : Defective Planning	Ex : Increase in overhead costs						
Transferred to Costing P/L	Find out supplementary rate and adjust Cost of						
	Sales, Cost of Closing Stock of FG & WIP.						

Costing PIL ALC

TO Factory on control ALC

TO Factory on control ALC

TO Factory on control ALC

Supplementary Rate = Under lover absorption due to normal reasons

Equivalent Units hodused

DISTRIBUTION OF OVERHEADS

Primary Summary	Secondary Summary
Allocation and apportionment of expenses for	Redistribution of Overheads of Service
the first time amongst the	Departments, back over the Production
 Production Departments & 	Departments.
 Service Departments 	

Format of Primary Summary							
Particulars	Basis	P1	P2	51	52		
Direct Material	Given						
Direct Wages	Given		1				
Rent	Area	- 2		1			
Lighting	Light Points or Area						
Depreciation	Capital Value of Asset						
Insurance	Capital Value of Asset						
Maintenance	Machine Hours	A					
Power	HP of machines x Machine Hours			10			
Indirect Material	Direct Material						
Indirect Wages	Direct Wages						
Staff welfare	No. of employees						
Supervision	No. of employees						
Time keeping	No. of employees						
Sundries	Labour Hours or Machine Hours or Direct Wages						
Total							

Format of Secondary Summary								
Particulars Basis P1 P2 S1 S2								
Total of primary Summary								
Distribution of S1 Overheads								

Page 20						
Distribution of S2 Overheads						
Total						

Methods of Secondary Summary

4.5	2.	Λ	3.	ч.
Direct	Stop Ladder Method	Riciproc	al Method	Trial and
Method	Styp Distribution Method	Repeated	Smultancous	balts41 vorm3
		Distribution	Egration	
		Munud	Metuod	

In silent cases, apply Reciprocal Method. However, if service departments are > 2, then apply Step Ladder Method.

Direct Method								
Particulars	Basis	P1	P2	<i>5</i> 1	52			
Total of primary Summary								
Distribution of S1 Overheads								
Distribution of S2 Overheads								
Total								

					AND DESCRIPTION OF THE PARTY OF			
Step Ladder Method								
Particulars	Basis	P1	P2	<i>5</i> 1	52	53		
Total of primary Summary								
Distribution of S1 Overheads								
Distribution of S2 Overheads								
Distribution of S3 Overheads				7				
Total			=					

Ρ:	a g	e	12	1
	ם א	_		

Purpose is to get maximum distributions amongst the departments so we shall rank the Service Departments on the basis of "Extent of service provided to other departments". The service department providing the maximum service shall be given priority for distribution.

Example							
Particulars	Basis	P1	P2	<i>S</i> 1	52	53	
Distribution of S1 Overheads			0	4			
Distribution of S2 Overheads	\bigcirc			9			
Distribution of S3 Overheads							

If we follow the same serial order							
Particulars	Basis	P1	P2	<i>5</i> 1	52	53	
Distribution of S1 Overheads							
Distribution of S2 Overheads		10					
Distribution of 53 Overheads							

If we rank SDs on the basis of "Extent of service provided to other departments"

Particulars	Basis	P1	P2	<i>S</i> 1	52	53
Distribution of S3 Overheads						7
Distribution of S1 Overheads						
Distribution of S2 Overheads						

Page | 22

Repeated Distribution Method						
Particulars	Basis	P1	P2	51	52	
Total of primary Summary						
Distribution of S1 Overheads		elli.				
Distribution of S2 Overheads		1				
Distribution of S1 Overheads		0	18			
Distribution of S2 Overheads	7	-				
Distribution of S1 Overheads						
Distribution of S2 Overheads						
Total			1/3	a T	1	

Simultaneous Equation Method

Let total overheads of S1 = $x \neq$ Let total overheads of S2 = $y \neq$

x = 51 own overheads + Share of S2 overheads y = 52 own overheads + Share of S1 overheads

Example

Total of primary summary is as follows:

P ₁	P_2	<i>S</i> ₁	52
51,837	12,163	40,000	16,000

Basis of distribution is as follows:

	P ₁	P_2	<i>S</i> ₁	52
51	50%	40%	- /	10%
<i>5</i> ₂	30%	50%	20%	

Prepare secondary summary as per Simultaneous Equation Method.

Solution

$$x = 40000 + .20y(1)$$

$$y = 16000 + .10x(2)$$

Solving equations (1) and (2)

x = 44,082

y = 20,408

Page | 23

Particulars	Basis	P1	P2	51	52
Total of Primary Summary		51,837	12,163	40,000	16,000
Distribution of S1 Overheads	50:40:-:10	22,041	17,633	(44,082)	4,408
Distribution of S2 Overheads	30:50:20:-	6,122	10,204	4,082	(20,408)
Total		80,000	40,000	Nil	Nil

Computation of Absorption Rate				
Particulars	P1	P2		
Total of Secondary Summary (a)				
Direct Labour Hours (b)				
Overhead Rate/ Direct Labour Hour ((0) ÷ (b))				

CONCEPT

MACHINE HOUR RATE

Machine hour rate denotes the cost of machine per hour.

Expenses related to Machine				
Standing Expenses	Machine Expenses			
Depreciation (if based on time)	Depreciation (if based on activity)			
Rent	Repairs			
Lighting	Maintenance			
Foreman Salary	Power			
Indirect Wages	Fuel			
Manager Salary	Electricity			
Departmental Overhead	Consumable Stores			

Statement Showing Machine Hour Rate					
5.No.	Particulars	Computation	Amount (₹)		
A.	Standing Expenses				
1					
2					
3					
4					
	Total Standing Expenses (x)				
	Total Machine Hours (y)				
	Standing Expense/ Machine Hour	x / y			

_				1 2 4
Ρ	a	g	e	l 24

В.	Machine Expenses		
1			
2			- 3/3/3/
3			***************************************
	Machine Expense/ Hour		18 18 18
		No.	
C.	Machine Hour Rate	A. + B.	7 24

	Effective Machine Hours	
Total Machine Hours available		
- Maintenance Hours		1
- Set Up Hours (if unproductive)		

COMPUTATION OF RECOVERY RATE

Recovery Rate
$$=$$
 $\frac{\text{Overheads}}{\text{Base}} \times \frac{100}{\text{Nonlython Rate}}$

CONCEPT

DEPARTMENTAL RATE VS. BLANKET RATE

Blanket Rate	Departmental Rate
Single recovery rate for entire organization	Separate recovery rate for each department

BUDGETARY CONTROL

CONCEPT

CONTROL RATIOS or BUDGET RATIOS

These ratios provide information about the performance level i.e. whether the actual performance is favourable or unfavourable.

Efficiency Ratio	Actual Hours X 100
Activity Ratio	Budgeted Hours X 100
Capacity Ratio/ Actual usage of Budgeted Capacity Ratio	Actual Hours X 100 Budychol Hours

Important

Ethicicucy Rotio x capacity Ratio = Activity Ratio

Relationship

Meaning of Various Terms			
Budgeted Hours Budgeted Production			
Actual Hours	Actual Hours for Actual Production		
Standard Hours	Budgeted Hours for Actual Production		

Example

	Units	Hours/ Unit		
Actual	100	5		
Budgeted	120	6		

Solution

Budgeted Hours	
Actual Hours	
Standard Hours	

Some other formulas:

Calendar Ratio	Actual Working Days x 100 Budgeted Working Days
Standard Capacity Usage Ratio	Budjeted Hours on Budjeted Period × 100
Actual Capacity Usage Ratio	Max. Possible Hours in Budgeted Period x

CONCEPT

FLEXIBLE BUDGET

Under this, a series of budget are prepared, one for each alternate production level.

Format of Flexible Budget						
5.No	Particulars	1	2	3	4	5
	Units					
A .	Sales					
В.	Cost					
1.	Fixed					1
2.	Variable		4			1
3.	Semi-Variable		1	1		
	Total (B)					
<i>C</i> .	Profit/Loss (A - B)					

Categorization of Cost				
Fixed Cost Variable Cost Semi Variable Cost				
It remains same at all the levels of	It varies with the output	It varies with the output but not		
output.	proportionately.	proportionately.		

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Principle of Change				
Fixed Cost	Variable Cost	Semi Variable Cost		
Always changes in totality.	Always changes on per unit basis.	Change the fixed and variable proportions separately.		

Segregation of Semi-Variable Cost

CONCEPT

FUNCTIONAL BUDGET

When Question doesn't provide its pattern

Production Budget			
Particulars	FP ₁	FP ₂	
Target Sales			
+ Desired Closing Stock			
- Available Opening Stock			
= Production (Units)			

Raw Material Consumption (Usage) Budget			
Particulars RM ₁ RM ₂			
Finished Goods Production x Raw material Consumption per unit of FP			
= Consumption (Units)			

Raw Material Purchase Budget				
Particulars		RM_1	RM ₂	
Raw Material Consumption				
+ Desired Closing Stock				
- Available Opening Stock				
= Raw Material Purchase (Units)	Va.	180		
x Raw material Cost per unit	A			
= Raw Material Purchase (₹)				

When Question provides its own pattern

Production Budget					
Particulars	Q_1	Q_2	Q ₃	Q ₄	
Sales					
80% of Sales of Current Quarter		199		VI TO	
20% of Sales of Next Quarter			?		
= Total Production (Units)					

As Question provides the opening stock at beginning of year and closing stock at the end of year, we can find the Total Production for the year as Sales + Closing Stock - Opening Stock

Production for Q_4 = Total Production for full year - Production of Q_1 , Q_2 , Q_3

Sometimes, the question may ask to purchase the Raw Material requirement in a particular proportion quarter wise. In such case, we shall find the annual requirement through the conventional formula Consumption of RM + Closing Stock of RM - Opening Stock of RM

Raw Material Purchase Budget				
Particulars	Q_1	Q_2	Q ₃	Q ₄
Purchase Quantity		The Park		
(Total Annual Requirement x Purchase %)				



REGULAR & FAST TRACK BATCH

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JOB & BATCH COSTING

CONCEPT JOB COSTING

Meaning	Job Costing is that form of specific order costing under which each job is		
	treated as a cost unit and costs are accumulated and ascertained separately for		
	each job.		
Applicability	When jobs are executed for different customers according to their		
	specifications.		
Using	To charge the share of overheads on a job, recovery rates are used.		
Recovery	In the absence of any specific information, following are assumed		
Rates	a. Factory overheads are recovered as a % of direct wages		
	Factory ONS		
	Factory ons x 100		
	Direct Wages		
	b. Administration & Selling overheads are recovered as a % of works cost		
	Administration & Selling ONS 100		
	Works Cost		
Lleine	This used when there is difference in Estimated and Actual figure is the amount		
Using	It is used when there is difference in Estimated and Actual figure i.e the amount		
Supplementary	of overhead charged earlier is less. Cost of job is increased by the use of		
Rate	supplementary rate.		

CONCEPT

BATCH COSTING

Meaning	The technique or method of estimation of batch cost is known as batch costing.
Applicability	The method of batch costing is applicable to those industries where production is done in bulk quantity at a time.
Example	Pharmaceutical or drug industries, ready-made garments, industries manufacturing electronic parts of T.V., radio sets etc.
Cost / Unit	Total cost of Batch No of Units in Batch

CONCEPT

ECONOMIC BATCH QUANTITY

Economic Batch Quantity refers to the optimum quantity which should be produced through one batch so that the Set up Costs & Carrying Costs are together optimized.

EBQ

A: Armuel Production

S: Set up cost 1 batch

c: carrying cost 10 fa

No. of Batches/ Runs

Time interval b/w 2 batches

CONCEPT

COMPUTATION OF COST

Particulars	Formula
Set Up Cost	No. of batches/ runs x Set up cost/ batch
Carrying Cost	Average Inventory x Carrying Cost per unit p.a.

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EBQ VS. NON EBQ

Find EBQ.

Particulars	EBQ	NON EBQ
Set Up Cost		
'	,	
Carrying Cost		
1		
-		

Extra Cost incurred by Non EBQ/ Savings possible by EBQ =

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PROCESS COSTING

It's a method of costing used in the industries where the material has to pass through 2 or more processes for being converted into the final product.

A separate Process A/c is opened for each process.

CONCEPT

SIMPLE PROCESS ACCOUNT

Process I A/c						
Particulars		Units	Amount	Particulars	Units	Amount
To Material				By Process II A/c		
To Labour					1	
To Overheads						1

Process II A/c					
Particulars	Units	Amount	Particulars	Units	Amount
To Process I	1		By Finished Stock A/c		
To Material					
To Labour	No.				
To Overheads					

CONCEPT

PROCESS ACCOUNT WITH GAINS & LOSSES

Process I A/c					
Particulars	Units	Amount	Particulars	Units	Amount
To Material			Bu Normal Loss	- W	-
To Labour			By Abnormal Loss	عيالات	
To Overheads			By Process II A/c or		
			Finished Stock A/c		
To Other Expense					
To Abnormal Gain		X			

Cost per unit of Output / ABL / ABG = <u>Total Cost of Process - Normal Loss Scrap</u>

Total Units Input in Process - Normal Loss Units

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VALUATION OF PROCESS LOSSES & GAINS

Normal Loss	Abnormal Loss	Abnormal Gain
It is unavoidable loss.	It is avoidable loss.	It is unanticipated gain.
It is valued at scrap.	It is charged to Costing P/L.	It is credited to Costing P/L.

Example

Input = 100 units, normal loss = 5%

11 200 anno, norman 1000 070	
Actual output = 92 units	Actual output = 97 units

Normal Loss A/c									
Particulars	Units	Amount	Particulars Particulars	Units	Amount				
To Process A/c	160		By Bank A/c						
	V	. 18	By Abnormal Gain A/c						

Abnormal Loss A/c									
Particulars	Units	Amount	Particulars Particulars	Units	Amount				
To Process A/c			By Bank A/c		-VIII-				
			By Costing P/L A/c		Allen				

Abnormal Gain A/c								
Particulars	Units	Amount	Particulars Particulars	Units	Amount			
To Normal Loss A/c			By Process A/c					
To Costing P/L A/c			And the second					

CONCEPT

SALE OF OUTPUT OF PROCESS

Process is not treated as Responsibility Centre	Process is treated as Responsibility Centre
Sale & Profit not to be shown in Process A/c but	Sale & Profit is to be shown in Process A/c
in Costing P/L A/c.	itself.

INTER PROCESS PROFIT

	Process I A/c									
Particulars	Cost	Profit	Total	Particulars	Cost	Profit	Total			
To Opening Stock				By Process II A/c						
To Direct Material					31					
To Direct Labour										
To Prime Cost of					ST I	24				
Goods Produced										
(-) Closing Stock										
To Prime Cost of										
Goods Transferred										
To Factory O/Hs	200					1				
To Factory Cost of		2	- 4			1				
Goods Transferred						1				
To Profit										
						V 6 -				

Stock in process is valued at prime cost.

Finished stock is valued at the price at which it is received from process II.

Actual Realised Profits									
Particulars	Process Profits	Unrealised Profit	Unrealised Profit in	Actual Realised					
		in Opening Stock	Closing Stock	Profits					
	(a)	(b)	(c)	(a) + (b) - (c)					
Process A									
Process B			35						
Process C				40					
Finished Stock									

Value of Closing Stock									
Particulars	Closing Stock as Given in	Unrealised Profit in	Value of Closing Stock						
	Question	Closing Stock							
	(a)	(b)	(a) - (b)						
Process A									
Process B									
Process C									
Finished Stock									

TREATMENT OF CLOSING WIP

Process I A/c								
Particulars	Units	Amount	Particulars	Units	Amount			
To Material			By Normal Loss					
To Labour			By Abnormal Loss					
To Overheads			By Process II A/c or	3/4				
			Finished Stock A/c	T (12)				
To Abnormal Gain			By Closing WIP					

	Statement of Equivalent Production									
Input	Units	Output	Units	Material		Labour		Overheads		
				DOC	ECU	DOC	ECU	DOC	ECU	
Material		Normal Loss			1			1		
		Abnormal Loss	A		- 1			1		
		Units Completed			1	1 = 0		\(\begin{align*} \text{V} & Pi & P & P & P & P & P & P & P & P & P &		
		Closing WIP		- 3//						
		Abnormal Gain		1, 1		1				
						1				

Statement of Cost									
5. No.	Particulars	Cost	ECU	Cost/ ECU					
1	Material								
2	Labour		A						
3	Overheads								

	Statement of Valuation								
1	Closing WIP		ECU x Cost / ECU						
		Material							
		Labour	Ti-1						
		Overhead							
		Jan Carlot							
2	ABL / Units completed		ECU x Cost / ECU						
		Material							
		Labour							
		Overhead							
		OR Unit	ts x Total Cost / ECU						

TREATMENT OF OPENING WIP (FIFO METHOD)

FIFO Method can be applied only if DOC of opening WIP is available.

Process I A/c								
Particulars Units Amount Particulars Units Amount								
To Opening WIP					1			
					A COLOR			

	Statement of Equivalent Production								
Input	Units	Output Units Material Labour C					Over	Overheads	
				DOC	ECU	DOC	ECU	DOC	ECU
Op. WIP		Units Completed	A	-31					
		: Opening WIP			A			6	Na Sai
		: Current I/P				1		1	
						A de		V.	

	Statement of Cost						
5. No.	Particulars	Cost	ECU	Cost/ ECU			
1	Material	A. I					
2	Labour						
3	Overheads	200					

Statement of Valuation				
1	Units completed			
a.	Opening WIP Units			
i	Cost incurred in Previous Period	Given in Question		
ii	Cost incurred in Current Period	ECU x Cost / ECU		
		Material		
		Labour		
		Overhead		
b.	Current I/P Units	Units x Total Cost / ECU		

TREATMENT OF OPENING WIP (WEIGHTED AVERAGE METHOD)

Weighted Average Method can be applied only if bifurcation of cost of opening WIP is available.

			Proces	s I A/c		
Particulars		Units	Amount	Particulars Particulars	Units	Amount
To Opening WIP					1	
	AT				A SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSO	

Statement of Equivalent Production									
Input	Units	Output	Units	Mate	erial	Lab	our	Over	heads
				DOC	ECU	DOC	ECU	DOC	ECU
Op. WIP				- 31	1			(10)	
				100	A			6	

		Sto	tement of Cost			
5. No.	Particulars	Cost of Previous Period (a)	Cost of Current Period (b)	Total Cost (a) + (b)	ECU	Cost/ ECU
1	Material					
2	Labour					
3	Overheads					
			/ 1			

Statement of Valuation

JOINT & BY PRODUCT

CONCEPT BY PRODUCT

Meaning	By-products are products of relatively small value which emerges incidentally in				
	the course of manufacturing the main product. These are secondary or subsidiary				
	products.				
Accounting	If sales value is	Sales value may be credited to P/L A/c, or			
	small	Sales value may be deducted from total cost.			
	If sales value is	By-product may be treated as Joint Product.			
	considerable				

CONCEPT JOINT PRODUCT

Meaning	Joint products represent two or more products of almost equal importance which
	are produced in natural proportions simultaneously from the same material in the
	same process.
	sume process.
O-+:	The same devices were be sale able with a set Combberg was a saint on the Combberg
Options of	These products may be saleable without further processing or after further
sale	processing.
Examples	In Oil-refining industry, Gasoline, petrol, diesel, coal tar, kerosene etc. are joint
	products.
Meaning of	Split off point or Separation point refers to that stage in the manufacturing
Split off	process at which the products get separated and become separately identifiable.
Point	
Primary Issue	Since Joint costs cannot directly be allocated to individual products produced,
	there arises a problem of apportionment of joint costs amongst various products
	produced.

CONCEPT

PHYSICAL UNIT METHOD

Joint cost is apportioned amongst joint products in the ratio of physical units.

CONCEPT

SURVEY/ POINT VALUE METHOD

Joint cost is apportioned amongst joint products in the ratio of weight.

Weight = Units Produced × Points Allocated

CONCEPT

CONTRIBUTION MARGIN METHOD

Joint cost is apportioned amongst joint products as follows:

Variable Portion - in the ratio of units

Fixed Portion - in the ratio of contribution (Sales - Variable Cost)

CONCEPT

MARKET VALUE AT SEPARATION POINT METHOD

Joint cost is apportioned amongst joint products in the ratio of "Sales Value at Separation Point".

Sales Value at Separation Point = Units of JP at Separation Point x Selling Price at Separation Point ICAI uses this method generally in silent cases.

CONCEPT

MARKET VALUE AFTER SEPARATION POINT METHOD

Joint cost is apportioned amongst joint products in the ratio of "Sales Value after Further Processing".

Sales Value after = Units of JP after \times Selling Price after further processing further processing further processing

CONCEPT

NET REALISABLE VALUE METHOD

Joint cost is apportioned amongst joint products in the ratio of "Net Realisable Value".

Computation of NRV

Particulars JP₁ JP₂ JP₃

Sales Value after further processing

- Further Processing Cost

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CONCEPT

REVERSE COST METHOD

Reverse Cost Sheet is to be prepared for all such products of which the profit percentage is given.

Particulars

JP₁ JP₂

JP₃

Sales Value after further processing

- Estimated Profit
- = Cost of Sales
- Selling & Distribution Expenses
- = Cost of Production
- Administration Expenses
- = Factory Cost
- Further Processing Cost
- = Balance/ Share in Joint Cost

Share in Joint Cost (of the product of which profit % was not given)

Total Joint Cost

- Share in Joint Cost of all the products for which cost sheet was prepared

CONCEPT

COMPUTATION OF PROFITS

Computation of Profit (if sold at Split-off Point)

Sales Value at Separation Point

- Share in Joint Cost

Computation of Profit (if sold after further processing)

Sales Value after further processing

- Share in Joint Cost
- Further Processing Cost

CONCEPT

DECISION MAKING

Decision about further processing of JPs

Incremental Sales Value (Sales Value after further processing - Sales Value at Split Off Point)

- Incremental Cost (Further Processing Cost)
- = Incremental Profit (if positive, process further)

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STANDARD COSTING

CONCEPT BASICS

Meaning of	Standard means a criteria or yardstick, against which actual activity can be
Standard	compared to determine the difference between the two.
Meaning of	Standard Cost is "what should have been" under the given set of operating
Standard	conditions.
Cost	
Variance	Variance represents the deviation of actual performance from the standard
	performance. It can be favourable or unfavourable.

CONCEPT

MATERIAL COST VARIANCES

	STEPS
M ₁	Actual Cost of Materials Consumed
	Actual Qty of Input Consumed × Actual Material Cost/ Unit of Input
M ₂	Standard Cost of Actual Material Quantity
	Actual Qty of Input Consumed × Standard Material Cost/ Unit of Input
M ₃	Standard Cost if Actual Material Quantity is in Standard Ratio
	Actual Qty of Input Consumed (in Standard Ratio) × Standard Material Cost/ Unit of
	Input
M ₄	Standard Material Cost of Actual Production
	Actual Production × Standard Material Cost/ Unit of Output
	Budgeted Cost of Material Consumed
	Budgeted Qty of Input Consumed × Standard Material Cost/ Unit of Input

VARIANCE CHART

Motorial Cast Variance

Marinal hice Varionce

Makrial Usque Variable

Motorial Mix

Material Yield

Variance

Variouse

CONCEPT

MATERIAL COST VARIANCES (PRESENCE OF STOCK)

We will compute 1 additional variance i.e. Material Price Variance (at the time of purchase), M_2 (Purchase) - M_1 (Purchase)

Where,

 M_1 (Purchase) = Actual Qty of Input Purchased × Actual Material Cost/ Unit of Input M_2 (Purchase) = Actual Qty of Input Purchased × Standard Material Cost/ Unit of Input

Rest, all the variances shall be computed as per consumption quantity.

M1 (Consumption) = Value of Opening Stock + Value of Purchases - Value of Closing Stock

M2 (Consumption) = Actual Qty of Input Consumed × Standard Material Cost/ Unit of Input

CONCEPT

LABOUR COST VARIANCES

	STEPS
L ₁	Actual Labour Cost incurred for Actual Time Paid for
	Actual time paid for × Actual Rate
L ₂	Labour Cost incurred for Actual Time Paid for but at standard rate
	Actual time paid for × Standard Rate
L ₃	Standard Labour Cost for Actual Time worked
	Actual time worked × Standard Rate
L ₄	Standard Labour Cost if Actual Time worked is in Standard Ratio
	Actual time worked (in Standard Ratio) × Standard Rate
L ₅	Standard Labour Cost of Actual Production
	Actual Production × Standard Labour Cost/ Unit of Output, or
	Standard Hours Produced × Standard Rate/ Hour
	Budgeted Cost of Labour
	Budgeted Hours × Standard Rate/ Hour

VARIANCE	CHART
Had rupdah	Variance
labour lak Variance	dobour Ethiculay Variouse
dabour Idle Time Varionce	dabour Mix dabour Tield Variouse Variouse

CONCEPT

VARIABLE OVERHEAD VARIANCES

	STEPS			
VO ₁	Actual Variable Overheads Incurred			
VO ₂	Standard Variable Overheads for Actual Hours Worked			
	Actual Hours Worked × Standard Variable Overhead Rate per Hour			
VO ₃	Standard Variable Overheads for Actual Output			
	Actual Output × Standard Variable Overhead Rate per Unit of Output			

VARIANCE CHART

Variable On Cast Variance

Variable On Expenditure Variance

Variable On Ethicieury Variance

CONCEPT

FIXED OVERHEAD VARIANCES

STEPS				
FO ₁	Actual Fixed Overheads Incurred			
FO ₂	Budgeted Fixed Overheads			
FO ₃	Standard Fixed Overheads for Actual Days Worked			
	Actual Days Worked × Standard Fixed Overhead per Day			
FO ₄	Standard Fixed Overheads for Actual Hours Worked			
Actual Hours Worked × Standard Fixed Overhead per Hour				
FO ₅	Standard Fixed Overheads for Actual Output			
	Actual Output × Standard Fixed Overhead per Unit of Output			

VARIANCE CHART

Fixed On Cost Variance

fixed on Expenditure Variouse fixed on volume Variance

fixed on fixed on columber Capacity Ethiceney Variance Variance Variance

MARGINAL COSTING

CONCEPT

INCOME STATEMENT

Particulars			Amount
Sales			
- Variable Cost			
= Contribution			
- Fixed Cost	4		
= Profit		NA NA	

CONCEPT

CONTRIBUTION

- 1. Sales Variable Cost
- 2. Fixed Cost + Profit
- 3. Selling Price/unit Variable Cost/unit = Contribution/unit

CONCEPT

VARIABLE COST

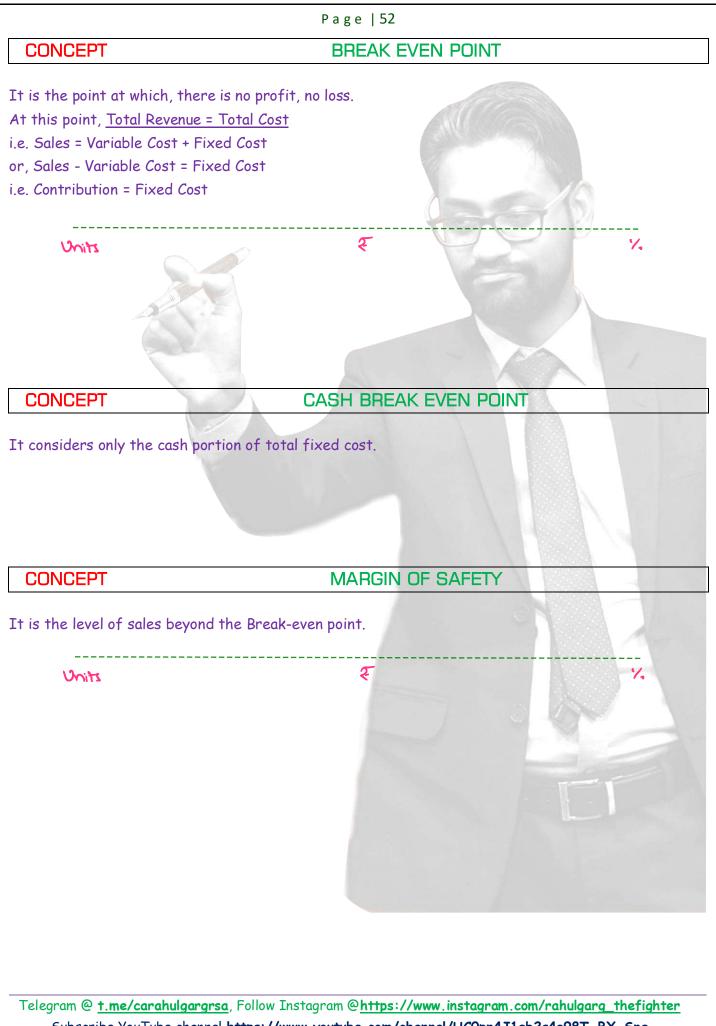
- 1. Sales Contribution
- 2. Selling Price/unit Contribution/unit = Variable Cost/unit

CONCEPT

CONTRIBUTION RATIO or P/V RATIO or VARIABLE PTOFIT RATIO or CONTRIBUTION TO SALES RATIO

If one Set of data is given

If two set of data is given



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SALES TO EARN DESIRED PROFIT

CONCEPT

SHUT DOWN POINT

It indicates the minimum sales to be achieved to continue the business.

that Down Birt

Avoidable fixed cost Contribution Unit @ 3)V latio

CONCEPT

COMBINED BEP

It is used when organization is selling > 1 product.

(ambined BE?

TOTOR FIXED COST

weighted contribution Unit

Computation of weighted contribution/Unit

weight

KEY FACTOR

Anything which is in short supply, becomes the key factor ie. Requirement > Availability In such situation, decision is taken on the basis of 'contribution per unit of key factor'.

H xam	n	0
CAGIII	יא	_

Particulars	A	В
Contribution/ unit	40	30
Labour Hours/ unit	3	7
Units	10,000	7,000
Labour hours are limited.		

Solution

Solution		
Particulars	A	В
Contribution/ unit	40	30
Contribution/ Labour Hour	40/3	30/7
	= 13.33	= 4.29
Rank	I	II

CONCEPT

DECISION AS TO PRODUCT MIX

Allocate the resources (key factor) to that product first, which is having top rank and then in descending order.

Example

Total labour hours available 51,000.

Solution

Particulars	A	В
Allocation of Labour Hours	10,000 × 3	51,000 - 30,000
	= 30,000	= 21,000
Production	30,000/3	21,000/7
	= 10,000	= 3,000

RECONCILIATION OF COST & FINANCIAL A/C

CONCEPT

RECONCILIATION STATEMENT

	Amount (₹)
Profit (Loss) as per Cost Accounting	
+ Incomes as per Financial Accounting only	
+ Profits as per Financial Accounting only	
- Expenses as per Financial Accounting only	1
- Losses as per Financial Accounting only	
- Appropriations as per Financial Accounting only	
+ Over Recovery of Expense in Cost Accounting	
- Under Recovery of Expense in Cost Accounting	
+ Excess Valuation of Opening Stock in Cost Accounting	19
- Excess Valuation of Closing Stock in Cost Accounting	-
- Under Valuation of Opening Stock in Cost Accounting	
+ Under Valuation of Closing Stock in Cost Accounting	
+ Notional Expenses taken in Cost Accounting only	
= Profit (Loss) as per Financial Accounting	

MEMORANDUM RECONCILIATION ACCOUNT

Particulars	Amount	Particulars	Amount
To Loss as per Cost A/c		By Profit as per Cost A/c	
To All the items of Reconciliation		By All the items of Reconciliation	
Statement having '-' sign		Statement having '+' sign	
To Profit as per Financial A/c		By Loss as per Financial A/c	
	Total		Total

CONCEPT

TYPE OF SITUATIONS

TYPE II	TYPE III
Question provides the Profits of	Question doesn't provide any
Financial A/c only	profits
Prepare	Prepare
1. Cost Sheet to find profits of	1. Trading and Profit Loss A/c
Cost A/c	to find profits of Financial
2. Reconciliation statement or	A/c
Memorandum Reconciliation	2. Cost Sheet to find profits of
A/c	Cost
	3. Reconciliation statement or
	Memorandum Reconciliation
	A/c
	Question provides the Profits of Financial A/c only Prepare 1. Cost Sheet to find profits of Cost A/c 2. Reconciliation statement or Memorandum Reconciliation

INTEGRAL & NON-INTEGRAL SYSTEM

CONCEPT BASICS

Non-Integral System	Integral System
It's a system of accounting under which 2	It's a system of accounting where both costing
separate set of account books are maintained,	and financial transactions are recorded in the
one for the cost transactions and other for the	same set of books.
financial transactions.	

CONCEPT JOURNAL ENTRIES

S.No.	Particulars	Journal Entry
1	Material	
а	Purchase	Stores Ledger Control A/c
		To General Ledger Adjustment A/c
Ь	Purchase Return	GLA A/c
		To SLC A/c
С	Normal Loss	Production O/H Control A/c
	1401 Mai 2033	To SLC A/c
		10 SLC A/C
d	Abnormal Loss	Costing P/L A/c
		To SLC A/c
	L	
е	Absorption of Direct Material	WIP Control A/c
		To SLC A/c
	Alicenskins of Traditional Adams of	Donaturation Officential Afra
f	Absorption of Indirect Material	Production O/H Control A/c
		Admin. O/H Control A/c
		Sell & Dist. O/H Control A/c
		To SLC A/c
9	Return from Job/ Production	SLC A/c
<i></i>		To WIP Control A/c
h	Material transferred b/w jobs	No entry
2	Wages	
α	Expense	Wages Control A/c
	<u>'</u>	-

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		Page 58
		To GLA A/c
b	Absorption of Direct Wages	WIP Control A/c To Wages Control A/c
С	Absorption of Indirect Wages	Production O/H Control A/c Admin. O/H Control A/c Sell & Dist. O/H Control A/c To Wages Control A/c
3	Direct Expenses	
а	Expense	Direct Expense Control A/c To GLA A/c
b	Absorption	WIP Control A/c To Direct Expense Control A/c
4	Production Overheads	
α	Expense	Production O/H Control A/c To GLA A/c
b	Absorption	WIP Control A/c To Production O/H Control A/c
5	Transfer of Cost of Finished Product	FG Control A/c To WIP Control A/c
6	Administration Overheads	
а	Expense	Admin. O/H Control A/c To GLA A/c
b	Absorption	FG Control A/c To Admin. O/H Control A/c
7	Transfer of COGS	Cost of Sales A/c To FG Control A/c
8	Selling & Distribution Overheads	
а	Expense	Sell & Dist. O/H Control A/c To GLA A/c
Ь	Absorption	Cost of Sales A/c

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To Sell & Dist. O/H Control A/c

9	Transfer of Cost of Sales	Costing P/L A/c		
		To Cost of Sales A/c		
		AMM		
10	Sales	GLA A/c		
		To Costing P/L A/c		
11	Profit	Costing P/L A/c		
		To GLA A/c		
12	Loss	GLA A/c		
		To Costing P/L A/c		
13	Under/ Over Recovery			
а	Under Recovery	Costing P/L A/c		
		ToO/H Control A/c		
Ь	Over Recovery	O/H Control A/c		
		To Costing P/L A/c		

CONCEPT

LEDGER ACCOUNTS

Accounts having c/d	Accounts not having c/d
Stores Ledger Control A/c	Wages Control A/c
WIP Control A/c	Direct Expense Control A/c
FG Control A/c	Production O/H Control A/c
GLA A/c	Administration O/H Control A/c
	Selling & Distribution O/H Control A/c

However, if trial balance provided by question has any balance of such accounts, then we can maintain the balance in closing.

SERVICE COSTING

Service or operating costing is a method of ascertaining the costs of providing or operating a service. Example - Transport sector, hospital, hotel industry.

CONCEPT

PASSENGER KMS.

No. of Passengers x No. of Kms

(Seating Capacity \times Occupancy %) (Kms/trip \times No. of trips/day) \times No. of days \times No. of buses

CONCEPT

TONNE KMs.

No. of Tonnes x No. of Kms

Outward journey : Inward journey :

Absolute Tonne Km	No. of tonnes carried x No. of Kms (Distance)
Commercial Tonne Km	Average tonnes carried × Total Kms (Distance)

CONCEPT

OTHER IMPORTANT COMPOSITE COST UNITS

Hotel Sector

No. of Room Days = No. of Rooms \times No. of Days

Hospital Sector

No. of Patient Days = No. of Patients x No. of Days

OPERATING COST SHEET – TRANSPORT SECTOR

Particulars	Computation	Amount (₹)
Fixed Expenses		
Driver Salary	(4)	
Cleaner Salary	0	3/60
Garage Rent		
Insurance		
Depreciation		
Road Tax		
Total (A)		
Variable Expenses		
Fuel		
Tyres/ Oil/ Filter		
Total (B)		
Semi Variable Expenses		
Repairs & Maintenance		
Total (C)	1	
Total Operating Cost	A + B + C	
Profit		
Total Collection	D+E	
	Fixed Expenses Driver Salary Cleaner Salary Garage Rent Insurance Depreciation Road Tax Total (A) Variable Expenses Fuel Tyres/ Oil/ Filter Total (B) Semi Variable Expenses Repairs & Maintenance Total (C) Total Operating Cost	Fixed Expenses Driver Salary Cleaner Salary Garage Rent Insurance Depreciation Road Tax Total (A) Variable Expenses Fuel Tyres/ Oil/ Filter Total (B) Semi Variable Expenses Repairs & Maintenance Total (C) Total Operating Cost Profit

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ACTIVITY BASED COSTING

CONCEPT TRADITIONAL METHOD

Particulars	P1	P2	Р3
Direct Material			
Direct Labour			24
Overheads			
Total			

A single base is taken to distribute the amount of overheads over various products.

CONCEPT ABC METHOD

Particulars	P1	P2	Р3
Direct Material			
Direct Labour			
Overheads : Activity 1			
: Activity 2	A		
: Activity 3	//		
Total			

It attempts to break the amount of overheads into various distinct activities, then to find cost driver rate for each such activity and accordingly distributing overheads over various products activity wise.

CONCEPT COST DRIVER RATE

Activity	Cost Pool	Cost Driver	Cost Driver Capacity	Cost Driver Rate
α	Ь	С	D	e = b / d



















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