CA Inter (IPC) COSTING

1 Day Marathon Revision



Faculty for <u>CA Inter COSTING</u>, <u>FM</u>, <u>ECO</u>, <u>Indirect Tax (GST)</u>

Live Classes at Pune & Virtual Classes Across India



CA RAHUL GARG

B.COM, FCA, LCS, ACMA, DISA (ICAI), CFA (ICFAI), MBA, ADV. DIP. MGT.

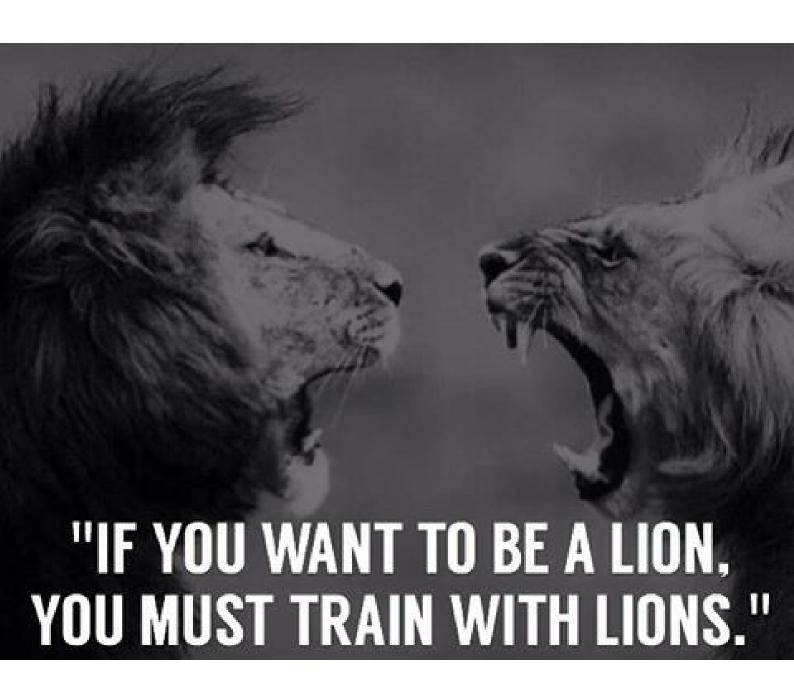
ALL INDIA RANKHOLDER
in CA, CS, CMA (incl. AIR 1)
GOLD MEDALIST

Tribute to my Beloved Elder Brother

SACHIN GARG

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





COST AND WORKS ACCOUNTS EXAM

"No excuses for go-getters"

Monetary hardship, partial vision loss and a parent's illness, could not stand in the way of 23-year-old Rahul's success. Today, Rahul who is also a qualified CA and CS, is in a position to care for his parents and chart out a successful career for himself. He aspires to start his own practice at the age of 35

by Urmila Rao

his Chandigarh boy appeared for the CWA exam in June 2009, and simultaneously wrote the Company Secretary (CS) final exams. "I had cleared the second levels i.e., the Intermediate Levels of both CWA and CS, securing first rank in the former and fourth in CS," says Rahul. "One is eligible to attend both the exams, without the dates overlapping," he adds

CWA course can be completed in three stages; Foundation, Intermediate and Final. Minimum eligibility for the Foundation is Class 12. Graduates are exempted from the Foundation Level

The CWA qualification trains a candidate in areas of accounting, cost and management, audit and tax functions among others, and a CWA professional maintains and scrutinises statutory book of accounts, prepares cash budgets, cash flow statements. Of late, they also provide consultancy services to corporate business houses.

"Enrolment to the Intermediate/ Foundation Course is open throughout the year and the exams are conducted in June and December," he shares.



RAHUL GARG

LOCATION: Chandigarh ROLL NO: 900879 PERCENTAGE: 64.38

YEAR: 2009

A certified CWA and CS, Rahul is

RAHUL'S STUDY STRATEGIES

- Allotted five hours a day for two months to his toughest subjects - Management Accounting & Financial Analysis and Direct Taxes. Coaching in these areas also helped
- Referred to books by Munish Bhandari for Law, V K Aggarwal for Auditing, and Bangar for Indirect Taxes. His favourites are Tulsian and G Sekar
- Coaching classes helped but it was his self-study which helped him ace professional exams such as CA, CS and CWA
- A positive attitude was a must, and he put in "200 percent" in attempt 1, as failure and reappearing for an exam was not an option

also a qualified Chartered Accountant, currently working as senior In-charge, Accountant and Assurance at global firm Grant Thornton

After completing Class 12 at the Government Model School in 2004 and topping with 90,20 percent marks, Rahul enrolled in the CA course simultaneously with BCom, graduated in 2006 and obtained CA qualification in 2008.

But the journey to the top was not easy. Rahul, the third and youngest child in the family, was no stranger to financial hardships. His father is a driver by profession and his mother, a homemaker. And by sheer bad luck, Rahul lost partial vision during a game of bow and arrows.

But despite tough times during

childhood, Rahul's confidence reigns supreme, "For go-getters, there are no excuses," says Rahul. Inspired by his neighbours whose economic situation improved immensely after a family member became a Chartered Accountant after completing the CA programme successfully, Rahul decided to follow suit. "The fact that a CA has the authority to authenticate a company's balance sheet, also fascinated me," says Rahul.

Currently pursuing Chartered Financial Analyst (CFA) Programme and an MBA (Finance) from ICFAI. the ambitious young man aims to complete both courses in a span of two years and get a dual degree. Next in the line are, an I.S.A (Information Systems Audit) from Institute of Chartered Accountants of India, followed by certificates from CIMA (Chartered Institutes of Management Accountants, UK) and IMA (Institute of Management Accountants, USA).

"I want to study and be recognised in my area of work," he says about his acquisitions. Though the CWA qualification is perceived as being a notch below CA with a 40-45 percent of average salary difference, it's the diverse knowledge and increased perspective that is fascinating. "A wider knowledge base will enable me to hold a top corporate position at an early age," he says.

Despite his doctor's advice not to strain his eyes, Rahul remains academically active. Post work, he coaches CA and CWA aspirants. He has also authored four books for commerce graduates. "I have presented the content in a simple, systematic, interesting format," says Rahul, who wants to start his own practice by the time he turns 35. 9

Chandigarh Toppers of Cost FM (May 2016)

- 1. Shreshtha (on Left) 91 Marks
- 2. Iram (on Right) 73 Marks



With ICAI(Cost)
President Sh.
Kunal Banerjee
(for getting All India
Rank 1)





Awarded by Chief
Justice Sh.
P.N.Bhagwati in
presence of Sh. Atal
Bihari Vajpayee



Being Awarded with CA Degree by ICAl President Sh.
Amarjit Chopra



"Economic & Labour Laws" book being released by Education Minister of UT Sh. VK Singh (IAS) in presence of then Chairman of Chandigarh chapter of ICAI, ICSI, ICAI (Cost)



"Industrial, Labour & General Laws" book being released by Dr. Girish Ahuja (A Renowned Personality in Direct Taxes) and Dr. D.C. Arya (Director Finance of Indian Railway)

A brief about Rahul Garg

- Broke LIMCA BOOK OF RECORDS by being youngest in India to clear all the 3
 professional courses CA, CS, CMA at the age of 22 years 7 months with Ranks (A
 Record).
- 2. 5 times All India Rankholder in Professional Exams (A Record).
- 3. Scored SINGLE DIGIT RANK 3 times (including All India Rank 1).
- 4. Undisputed achiever of all 3 professional exams with ALL INDIA RANK in ALL.
- 5. Achieved **exemption in 40+ papers** out of total 50 papers held by CA, CS, CMA institutes in his academic career.
- 6. Awarded by **Mr. Atal Bihari Vajpayee** in 2010 for exceptional performance in Academics.
- 7. One of the **best motivator** in India.
- 8. Covered by the National Magazine 'Career 360' amongst 12 National Toppers in 2010.
- 9. Specialist in Time management and Stress management skills.

Love for the subject COST ACCOUNTING & FM

- 1. First in India to provide Multi Colour Theory notes in Cost FM.
- 2. **Tabular** and **Diagrammatic presentation** of Theory to create interest.
- 3. Important points of theory Specially marked for last minute revision.
- 4. **Simple and lucid language** in theory for easy understanding.
- 5. Only one in India to cover more than **2000 Practical Questions** in Cost FM.
- 6. More than 90% coverage of Practical Questions in CA IPCC Exams since May 2014 from Rahul sir's notes.
- 7. His student Shareshtha Kadian scored 91 Marks in Cost FM in May 2016.
- 8. Focus on 100% conceptual clarity and maximum practice of questions.
- 9. **Special focus on Presentation** and "How to Attempt" to score more than average marks.

RANK Certificate for All India Rank 41 (May 06) in CA PE II Exam (now CA Inter)





Rank Certificate

This is to certify that

RAHUL GARG

has passed the

Professional Education Examination - II
held by

The Institute of Chartered Accountants of India

in the month of MAY, 2006

and that he/she obtained FORTYFIRST

rank

in that Examination.

Date 29TH JULY, 2006



Joint Secretary (Examinations)

RANK Certificate for All India Rank 4 (June 08) in CS Inter Exam



Certificate of Merit

This is to certify that

RAHUL GARG

has passed all the papers of the

INTERMEDIATE EXAMINATION

of Company Secretaryship held in the month of

JUNE, 2008

and has secured

FOURTH RANK

in the order of merit in the said examination.

Date of Issue:

1st December, 2008

Roll Number:

12715

MC Number:

473



Secretary & CEO

CA Rahul Garg

Gold Medalist

All India Rankholder in CA, CS, CMA (incl Rank 1)

Best Lectures Regular as well as Fast Track, available at www.carahulgarg.com, (R.S.A.)

RANK Certificate for All India Rank 13 (June 09) in CS Professional (Final) Exam



Certificate of Merit

This is to certify that

RAHUL GARG

has passed all the papers of the

PROFESSIONAL PROGRAMME EXAMINATION

of Company Secretaryship held in the month of

JUNE, 2009 and has secured

THIRTEENTH RANK

in the order of merit in the said examination.

Date of Issue:

11 January, 2010

Roll Number:

57870

MC Number:

1.053

Authorised Signatory

Secretary & CEO

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

T.com. No. NRS/012986

Constand Works Accountants of Contract of

This

Rank Certificate is awarded to

RAHUL GARG

for his/her having passed in one sitting all the subjects of the Intermediate Examination of The Institute of Cost and Works Accountants of India held in the month of June 2008 and for his/her having secured the First Rank.

Given under the Common Seal of The Institute of Cost and Works Accountants of India, this Twenty fourth day of August, 2008.



Institute's Gold Medal for All India Rank 1 (June 08) in CMA Inter Exams

NRS/012986
No. 19
No. 19
No. 19
No. 19

This is to certify that

Rahul Garg

has been awarded the following prizes for his having passed the Intermediate Examination of the Institute of Cost and Works Accountants of India held in June 2008

NAME OF THE PRIZE	PRIZE AWARDED FOR				
Institute's First Prize for General Proficiency	Gold Medal for securing the highest total marks without exemption in Intermediate (Revised) Examination – June 2008				
G. Indira Debi Memorial Gold Medal	For securing the highest total marks without exemption in Intermediate (Revised) Examination – June 2008				
U.N. Sur Memorial Cash Prize	For securing the highest total marks without exemption in Intermediate (Revised) Examination – June 2008				
A.K. Biswas Foundation Book Prize	For securing the highest total marks without exemption in Intermediate (Revised) Examination – June 2008				
Northern Coalfields Limited Merit Award – Book Prize	For securing the highest total marks without exemption in Intermediate (Revised) Examination – June 2008				
Bikramjit Majumdar Memorial Book Prize	For securing the highest total marks in Stage - I of Intermediate (Revised) Examination – June 2008				

Given under the Common Seal of the Institute of Cost and Works Accountants of India, this Twenty eighth day of January 2009.



President

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

90167

Regn. No. NRS/012986

90167 Regn. No. NRS/UL2986

Regn. No. NRS/UL2986

This Rank Certificate is awarded to

RAHUL GARG

for his/her having passed in one sitting all the subjects of the Final Examination of The Institute of Cost and Works Accountants of India held in the month of June 2009 and for his/her having secured the Third Rank.

Given under the Common Seal of The Institute of Cost and Works Accountants of India, this Twenty Ninth day of August, 2009.



(G. N. VENKATARAMAN)



CA Inter

Cost Accounting

Financial Management

Economics

GST

Regular Lectures Fast Track Lectures

Available In





www.carahulgarg.com

Phone No: Enquiry - 7447383081

Phone No: Technical Support - 7517675498

Follow On









⇒Format of OLD Cost Sheet

S.No.	Particulars	Total Cost	Cost per unit
1.	Direct Materials Consumed		
2.	Direct Labour		
3.	Direct Expenses	S Sure N	
4.	Prime Cost (1 + 2 + 3)	1	
5.	Works Overheads		
6.	Gross Factory Cost on FG & WIP (4 + 5)		
7.	Scrap of Indirect Materials		
8.	Net Factory Cost on FG & WIP (6 - 7)		
9.	Opening Stock of Work-in-progress	The Control of the Control	
10.	Closing Stock of Work-in-progress		
11.	Net Factory Cost on FG (8 + 9 - 10)		
12.	Office & Administration Expenses		
13.	Cost of Production (11 + 12)		
14.	Opening Stock of Finished Goods		
15.	Closing Stock of Finished Goods		
16.	Cost of Goods Sold (13 + 14 - 15)		
17.	Selling & Distribution Expenses		
18.	Cost of Sales (16 + 17)		
19.	Profit		
20.	Sales (18 + 19)		



⇒Format of NEW Cost Sheet

S.No.	Particulars	Total Cost	Cost per unit
1.	Direct Materials Consumed		
2.	Direct Labour		
3.	Direct Expenses	and the same	
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		
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)		
15.	Cost of Production (9 + 10 + 11 + 12 - 13 + 14)	1831	
16.	Opening Stock of Finished Goods	-159	
17.	Closing Stock of Finished Goods		
18.	Cost of Goods Sold (15 + 16 - 17)		
19.	Administrative Overheads (General)		
20.	Marketing Overheads (Selling & Distribution Expenses)		
21.	Cost of Sales (18 + 19 + 20)		
22.	Profit		
23.	Sales (21 + 22)		

⇒Terms used in New Format of Cost Sheet

Quality	✓ This is the cost of resources consumed towards quality control procedures.
Control Cost	
Research &	✓ It includes only those research and development related cost which with is
Development cost	incurred in improvement of process, system, product or services.
Administrative Overheads (related to production)	✓ It includes the cost of production administration only. The general administration overhead is not included in production cost.
Credit for recoveries	✓ It is the realised or realisable value of scrap or waste.
Packing Cost (primary)	✓ Packing material which is essential to hold and preserve the product for its use by the customer.
Packing Cost (secondary)	✓ Packing material that enables to store, transport, inform the customer, promote and otherwise make the product marketable.

Chapter - 1

Cost Sheet

Expenses

Material

daboul

Other Expenses

Direct Indirect

Material

Material

dabout

Indirect

Ex pures

Particulars	Amounta
Direct Material consumed	
Direct Labour	
Direct Expenses	
Prime Cost	
Factory Olmi	
Gross Factory Cost	
- Sale of scrop	,
Net factory Lost	
+ Opening stock of WIP	
- closing stock of wif	
Net Factory Cost	
Office Of HI	
Cost of Production	
+ Opening Stock of finished Goods	
- closing	
= cost of Goods sold	
Selling 4 Distribution 0/ms	
= Cost of Sales	
+ Peofit	
= Salis	

No. of Units froduced + Opening Stock Units

Value of closing stock = No. of Units of claimy stock x Cost punit (of Andruction)

(5)

Material Costing

EOQ and Related Concepts
$$\frac{2 \times A \times 0}{c}$$

A

0

2+:nu

200

Annual Demand (2) Annual Demand (Unity

Annual Domand x Cost | Unit]

coarying cost lorder (E)

coarying cost la Unit P.a. (E)

[cost | Unit × coarying cost 1.] Ordering cost order (2) 0

Ranging cost (1/1)

short cut formula

Order Frequency Time 360 Days 152 Weeks/12 months orders. P.a. between 2 or dura comp ut ation Cost Relevant cost/ Total Cost Related cost/ Sy stem Variable PC OC CC

12 xA x Ox C

PC = Annual Demand x Cast Price (Unit

OC = No. of Orders X ordering Cost Order
[Arm. Demand/200]

cc = Average Inventory & carrying Last Per Unit Proc E000/2

(4 martia (without Discount)

CARAL

EDO Vs. Non EDO (With Discount)

Price Break

Stock devels

(1) Reorde devel = Maximum Consumption x Maximum dead Time

Sortety stock + (Normal x Normal dead)

dead time

Time

- (2) Minimum = Reordu (Normal x Normal Lead)

 devel (Consumption x Time)
- (3) Maximum = Reordu + Reordu (Minimum Minimum)

 derel devel + Quantity Consumption X dead Time.
- (4) Average dend = Minimum devel + Maximum devel

Minimum devel + 1 (Reordu aty.)

(5) Danger deal = Minimum x Maximum dead Time for Consumption Emergency herehoses

Material	Tulmorch	Ratio
1 October or	100 mover	-corre

COST Of row moterials consumed Average Stock of row moterial

times

Material Molding Period

= 360 Days 152 Weeks 12 months Material To Ratio

= ____ Days Meets Months

Analysis

	HIGH	Low
MIR	Fast	walz .
M HP	welz	Fact

Computation of Materials Cost -> Inclusions + Exclusions

- · Purchase Price
- · Trade Discount
- · Quantity Discount
- Cosh Discount
- · Subsidy / Grant
- · Road Tax | Toll Tax | Entry Tax | Otheroi
- 723
- VAT
- · Excise Duty
- . Custom Dury
- . Domurage
- · Detention charges
- . Freight
- Cost of containers

Any parricular order?

Invoice Rice

- Trade Discount
 - = Net Invoice Price
- + Excise Duty
 - = Net Im. hice (incl. ED)
- + sales Tax

= Not In. Price (incl. ED & SolusTax)

Purchase of >1 Material in same Order

Expense

Apportionment

· Sales Tax

Invoice Price

freight

Purchase Oty

O CHrol

Net thy Reid.

Stock Rate = Total Cost of Perchase
Effective City

Stores deget

Receipts			Lss ues		Bolance				
Date	aty.	Rote	Amt	Cary.	Rate	Amt.	Cety.	Rate	Amt
			_						
				O COLOR					
273	1 4.20 mg		I	-		2			
					4				
			and the second		Y				

- · Purchase of Moderial @ rate; when such rate is already opposing in Balance column
- · Freight annt siven along with hurchase frice
- Transfer from 1 Job to Other Job
- Transfer from 1 Deptt to other Deptt
- · Return to Supplier

Return from Production to Stores

Question specifies date

Ourstion doesn't specify

date of issue

The price of

of latest issue

issue of such date

FIFO

conte of the top in Balance ad.

Write out the bottom of Ralama column.

Y seed to the seed

100

LIFO

Difference Between Book Quantity and Physical Quantity entque Shortage 7 Ju22 Abnoomal 1 . Loss is absorbed FIFO by good units 7 Loss inflates the LBP FBP price of palamee Jooge

CARAINIL

Chapter - 3 dabout costing

	Labour Turnovel	Ratio		reservices w
(1)	separation =	No of Worners	Seperated	× 100
	Method	Ail. No ot	Workers	
(2)	Replacement =	No. of Morre	xs Replace	d x 100
	Method	Ay No. 04	Morbers	3
(3·)	Hux Mernod		CAR	o Quadra acc
	(as variant 1:	No. of workers	DNo. 12e	placed × 100
		Ay. No	of morni	ers
	(b) Variant 2:	No of morphese t	No of wo	
	C	Ay. N	10. of Work	
4)	dob. To Ratio du	= No. Of worker	ns hired ou	ber expansion 100
	to new rercuitment	Aut we	, of woh	241
\$:)	dalo To Ratio du	= . No. of Ac	2007223	~ 100
	to accessions	Ay, no	of workers	

Auf. No. of workers = beginning t and

Computation of workers of the cud

workers in the beginning

- + workers replaced
- + workers recruited under expansion
 - Worners depended
 - = workers at the cuch

conversion of Civen LTR into Annual LTR

= dtR computed for given ben'd 365 Days |

Days | Months in crren lend | 12 Months

impact of dabout Tunover

Corren cost . Romputed Cost

tees tummettee

Cost of Rectification

Record threat cost

Contribution Lost due

7

selection Cost

to unproductive Hours

Training Cost

Computation of dabout now Kate
computation or works
Baric Pay
Dealues Allowance
Leane Salary
Bonus
Canteen Subsidy
Cross wages
T
+ E's contribution to Pf - e's cont. to Pf
+ E's contribution to Esi - e's cont. to Esi
datan Cost
computation of Ettective the
Total Days Arailable
- reare Days
- Molidays
= Actual Days Worked
x Hrs. Day
= Actual mrs. Avoidable
- Normal Idle Time

TWO		Broad	Methods	of b	ayment
	Time	Rate			fice Rate
	7				7
No of	×	Rotel		No. of Preces	× Rosel Picce

computation of Efficiency

on bosis of

Output

Time

		In	cutive	Plan	٤		
			0	2.	,		
٠	Taylor's	Differential	ricce	Code	2 ys tem		
		Efficiency	4.99)		Payment		1.4 + 7
		< 100%			83 1. of	Piece	Rate
		> 100%	فيق		1572 N. Ot	Piece	Rote
	Mexica	Differential	Piece	Rate	System		
	***************************************	Efficiency		Franchy	Paymen	7	A reserve of B
		£ 834.			Normal		
	>	837. < 100	s y.		110 % of	Rece	Rate
		> 100 %			120% 01	f Piece	Rate
	mozzom3	Efficiency	Lyste	~			
		Efficience	7		Paymer	ut	
		< 66 213	7.		No E	Bonca	
	> 6	82/3 v. ₹ 100	s y,	· ·	20%	2 unus	
		> 100 %	1	e 1.5	20% 30	mus t	lanoitibbo.
			3 -3				1 % increase
					in effic	ciency	beyond look.

Gantt Tash Bonus

Efficiency

Below standard

At standard

Above Standald

· Payment

Charanteed Time Rete

Time + 20% bonus Rate

High Piece Rate

Bedaux Point Premium Lystem

Edwings = [Hours x Ratel] + [Too x Bedaux Point sound x Rotel How]

Worked Howl I Too x Bedaux Point sound x Rotel Howl]

RXJSXH

R - Rote | noul

s - standald Time

H - Actual Time

$$(7 \times ?) + 1/2 (1-7) \times ?$$

Lowar Plan

$$(\top \times 2) + \underbrace{S - \top}_{S} \times \top \times R$$

Rate | How

- Actual Time for Actual Productions
- Standard Time for Actual Productions

of Idle Time

Unavoidable

no smal

Avoidable

1

J

Charled to

changed to

factory Olm

Cociny PL Alc

Treatment of Overtimore OT 70 Bosic. fromium Rate Rode OT is done regularly - Even job is charged with wighted Rate/How ot is done to meet irregular production requirements (P) - Normal wayes for all his. Charjed to Direct dataul - OT Premium charged to factory ofthe OT is done as per customer requirement (0) -dabout cost is charged to each job with actuals OT is done due to abnormal circumstances (b) - or wages charged to costing PL Alc be altributed to fault of any OT done call (e) pal treular dipartment - or wages charged to that specific department

Chapter - 4
Overheads
Undurloves absorption of olas
Absorbed Actual Predetelemined UM
Absorbed = Actual x Preditelemined UM Onlineado Base Recovery Rate
The state of the s
Actual Orcheads = Cliver - adjustments (if any) annt.
Actual vs. Absorbed Olm
Acheal Olm Actual Olm Actual Olm
Absorbed ofn Absorbed ofn Absorbed ofn
treatment of undered our approrphian
Normal Reason
Abnormal Reason

Distribution of 0/14 Primary Summary Allocation and apportionment of expenses for the first three amongst - Production Depths. - Schwice Depths. Distribution of 0/14 Redistribution of 0/14 Of schwice Depths. Depths Dept

Format of birmany summary

Methodo for	secondary summ	rasy	
	1		
Drect	Step Distribution	**	no col
Metmod	step dadder 1	Met	ned
	Non Recipercal		
	Method	Repeated	Simultaneous
		Distribution	Equation
20		Metwood	Method
Direct Method			
	G		
	Q.P.		
•	20,000		
G			
step lodder	Metrode		

Repeated Metwod Distribution

Simultaneous Equation Method

Let total Oly of
$$S_1 = S_2 > S_2$$

		Expuses	
	Standing	Machine	. 13
	Rent	· Depreciation	
	· Lighting	· Repairs	
	· Foreman solary	· Power	. *
	· Indirect charges	· Fuel	
	. Manajer salaty	· electricity	
	· Departmental 0/4	consumable s	tores
. No.	Pariticulars	computation A	wt. (S)
) 1. 2.	Standing Expenses		
٦. 3.	Total Grande Cib		
	Total Standing Exp		
	St. Exp. / Machine you		
1. 2.	Machine Expuses		
3	Mach Exp. / Houl.		
	Machine Hour Rote	A + B	
or Laysipse (folia)	Total Machine _ Ma	sintenance _ Set Up Time	

Computati	10m	ot	Recovery	Rate	-	
=	Am	+ 04	ordre	ods —	×	100.
			Bose			

Base can be

- : Direct Materials (2)
- : Drut wages (E)
- : Prime Cost (E)
- : Direct Labour Hours
- : Machine House

Departmental Rate

2V

Blantet

Chapter - 5 Budgetary Control

Computation of Ratios

· Efficiency Ratio = Standard Hours x 100

Activity Ratio = standard Hours x 100

Budyeted Hours

Capacity Ratio = Actual Mours x 100

Budgeted Hours

Budgeted Hours = Budgeted Hours for Budgeted Production

Actual Hours = Actual Hours for Actual Production

Standard Hours = (Standard) Hours for Actual Aroduction

Budgeted

Flexible B	udjet
------------	-------

	1				A
S. No.	Particulars	dend 1	devel 2	devel 3	denl 4.
(A)	Sals				
B	1202		Ti Cana, contra agranga		
	: fixed		And the state of t		F-3
	: Variable				
	: sum: - Variuble	the factor of the second			gr
(c) ···	Protit		2		
	(A-B)				1
		·	9		

Fixed Variable Semi-Variable

I remains some It varies with It varies with of our the lunds the output the output but of output but proportionately not proportionately

Segregation of Semi-Pariable Cost

Velu = Change in Cost

Change in Units

Fixed Cost = 70 tal Cost - To tal Variable Cost

Functional Budget

	1	
J.		Row
Finished		Materials
froduct		
I Production Budget	Consumption Budget	Purchase Budget (Unité)
7	O har on librith	7
Sales + closing	Production (Units)	Shr consmittion
Stoch	RM Required	+ closing stock
- opening	Unit of FP	- opening stock
Stock		= RM Purchase (City)
	S.Y.	x cost Price Unit
CA		= RM Purchase (2)

Chapter- 6 Contract Costing

Books of Contractor

Contract Ale

for the year ending

		000	9	r
	Pauliculars	Amt.	Particulars	Ant
TO	material.		By WIP	
	: Opening balance		2 W C	
	+ Directly Purchased	Sec. 1	wuc	
	+ Transferred from Job		: Escalation	
	+ supplied from stores		By PL: don on sale of	
	- Transferred To Job		- Plant	
			- Material	
To	dabour		By Bank: sale of	
70	subervision		- Plant	
10	o verheads		- Material	
TO	General charges		By Ple: Abnormal dos	
70	Stant: opening salance		- Plant	
	PL: frosit on sale of		- Material	E.
10	IC: Wood Co.		By Material Ret. to store	
	- Plant.		By Plant Ret to store	
	- Material	TO THE PARTY OF TH	By Material at site	
70	Notional Profit cld	Lagrange	By Notional Profit bld	
			By KIL: doss ourcontract	
10	PIL		By Notional Profit bld	
TO	WIP Reserve			

Profit kon on contract

Contractic completed in contract is completed in the any year other than that, year in which it is started in which it was storted ropi Profit Profits rich Transferred to Find Dyru of Completion PIL A/C >20 7. < 25%. < 90% 7 7 Ou the base of Estimated NIL Profit

Amti

Takey

to PIL

- · Ant · taken to AL Mc
 - (C) EP x CR CP

(b) EP × wc

(c) EP x ACTD TEC

(d) EP × ACTD × CR TEC WC

(e) NP x CR wc

(F) NPX WC CP.

+Aord botomites - 93

NP - Notional Profit

WC - Work Celtified

CP - contract Price

CR - Cash Received

ACTS - Actual Cost TILL Date

fec - fultur Estimated Lost

TEC - Total Estimated Cost

Total Work

Contractee Ale

To Bali cld = | By toon = |

By bali bld

By Conh = |

By Bali bld

By Conh = |

By Bali bld

By Conh = |

By Bali bld

ex tract as

2/8

Airabilities

Annt Assetz

Plant at site

Plant cut store

Material at site

Material at store

Usiff we town

- we Reserve

- Cash Received

ou

Chapter - 7 Process Costing

. 0	
A	C
	A

		320	maces	Alc			
	Particulars	Units	Amt	Particular		Units	Amt
76	Moterial-			By Process.	_ Alc/	1 - 14	
TO	dabout			finished Ale	Stoch		
TO	expenses				50		
TO	Other Exp.						The second secon
				(Q)	ľ		
		Pro	vos don	es & Choix	v).		
			2				
			Inpu	t			
	Ţ	()\(\)	1			T	
	doss		Gai	n		Output	(4.1
	5		7		5		7
N		lamounda	A	mormal	Transt		Sold
	CANADA CA SEC				to ne		mmediately
					process		

Inter brocess brokers

		,	Process	A Alc	,		
Particulars	Cast	Brott	Total	Particulars	COSF	Profit	Total
To Direct Material				By Process B Ale		eric and a second control of	
To Direct dabout	The state of the s						
TO Porme Cost of		. 1					10
Goods Producted							
() closing stock			and the contract of the contra		and the state of t		
to firm cost of	The state of the s			20			
Goods Transta.							• ,
To Profit	The contract of the contract o	Marie Carlo		0,		OVER 1	
	-						5
0.1	1 Onc	\	V/			1	

Actual Realised Profits

Unsualised Profit in Unrealised Profit

Opening Stocks in closing stocks

A

B

C

Fa

Value of dosing stock

closing stock as Unrealised Profit in Cliver in Question closing stock

A

B

C

FG

Particulars	Cost	Profit	Total	Particulars	Cost	BOSIL	Total
To opening stock							
To Material							
70 datout	-						
To Prime Cost of			ura n	And the second s			
Goods broduced							
6) closing stock							1 "
to hime coat of				C			
Goods Transferred				RC			
To factory ofthe						denomination de Langue de	
To factory Cost of							
Goods Traws fured			3		ALCOHOLOGY AND	de participante	
TO Profit						ACCT WINDS AND ACCT.	
port of the state				_			
	Control of the Contro		The state of the s		l	•	

Cost/Ecu

ودن

			Treatme	ut of	WIF	Type	2			
	Opuing	WIP	oiP ×							
	clasing		V							
	Statement of Equivalent Induction									×
Input	units	00	uput	Units	DOC Mat	esial Ecu	Doc	وسا ددن	Doc	scu.
			Staten	neut of	Cost		5			

statement of Valuation

Cost

OU. 2

Impact of opening wip (FIFO)

CARAININ

· Impact of Opening wip (weighted Average)

CARAINIL

Joint & By broduct Apportionment of Joint Cost

- (1) Physical Unit Method

 Joint Cost 80000 Z

 A 6000 Units B 3000 Units C 1000 Units
- (2) Average Cost Method

 Avy. Cost ? U. = Total Joint Cost

 Total Units

 Shale in JC = Units Produced × Avy. Cost Unit
- (3) Survey / Point Value Method

 Weight = Units Produced x Points Allocated
- (4) Contribution Marjin Method

 JC

 Variable Cost

 L

 Units Produced

 Contribution Marjin.



CA Inter

Cost Accounting

Financial Management

Economics

GST

Regular Lectures Fast Track Lectures

Available In





www.carahulgarg.com

Phone No: Enquiry - 7447383081

Phone No: Technical Support - 7517675498

Follow On









(5.) Market value at separation Point Method

Product	tinu	sp at split off	sp after processing	Fruther Processing Cost
roduce	011113		70	250000
P	10000	40		30000
m	20000	30	65	
0		20	40	0000ZF
R	30000	\0	20	200000
2	40000			
7617	t Cost	- 5 2'00'00	20	· · · · · · · · · · · · · · · · · · ·

Apportion the Joint Cost on bosis of sales value at Split att Point

- Bothat will be the profit if all sold at split of Point. To
- what will be the broth if all the products all sold after further processing?

 Advice the management. (C)
- (b)

CARAININ

(T). Net Realisable Value Method

Sales value cefter further processing

(i) Further Processing Cost

= NRV

GARC

(8) Reverse Cost Mothod

Sales value

- (-) Profit
 - = cost of sales
- (selling a Dist Exp
 - = cost of production
- day moits at zin mbA (
 - = Found Lost
- () Future Processing Cost
 - = Bolance

Example

X ltd. mennefactures Main Product M, and two. By-froducts B, & B2. For 2 annay 2017, following details are available:

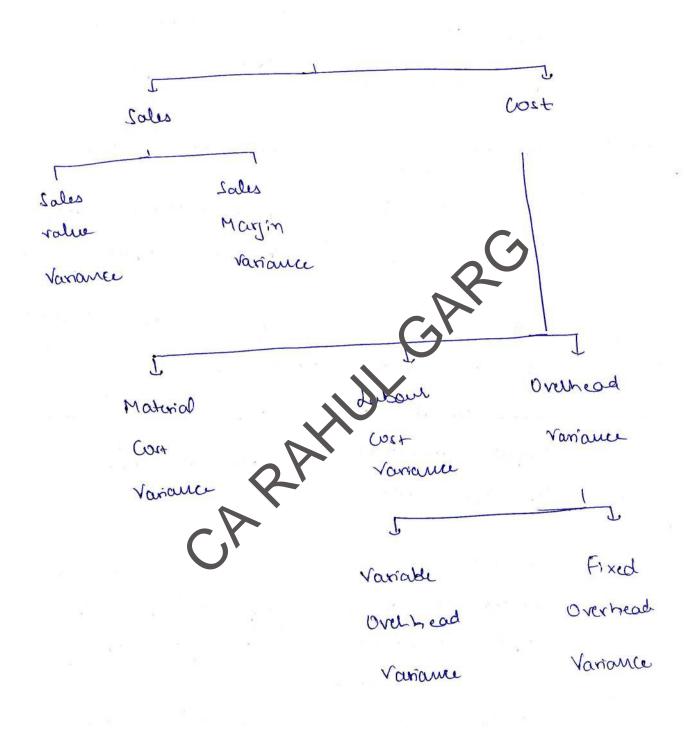
Total cost up to separation 2 2,12,400

	M	g'	32
Cost after seperation	-	32000	24,000
No. of Units Produced	4000	11 800	3000
selling brice be Unit	100	40	30
Estimated Profit (Y.)		70 Y.	30 %
Estimated Solling Experis	a 201	15 %	15 4.
Y. of sales was e			

show allocation of Joint Cost and the profitability for January 2017.

CARAHIIIL

Standard Costing



Material Cost Variance

M1 = Actual Cost of Material Consumed

= Actual Oty-of X Actual Material Costy

Tiput consumed Unit of Input

M2 = Standard Cost of Actual Material Quantity

= Actual City, of standard Material Cost/

Input Consumed X Unit of Input

M3 = Standard cost Afif Acard Material Chambity

is in standard Ratio

- Actual Chambity of Stad Material Cost

Actual Champing Si Stad Material Cost/
Emput Consumed X
Unit of Enjout
(in 1td. Ratio)

My = Budy and cost of Material consumed

= Budycted Oty. of X stad Material Cost / Input Consumed X wit of Input

Standard Material Cost For Actual Production

= Actual Production × Stad. Material cost |

Unit of Dutput

Actual IIP 7

Material Cost Variance My_M,

Material Price Variance Material Useys Variance $M_2 - M_1$ $M_2 - M_2$

Material Mix Variance Material Trell Variance

My - Mz

Question

For making 10 kg, of 'x'; Italiand material sequirement:

Moderical Quantity Ratify (25)

A & 6

B 4 4

Consumption of makinds is as under:

Moterial Quantity Rote (2)

A 750 7

R 500 5

Corrigue Material Variances

CARAINIV

fixed Overhead Variances

= Actual fixed ofn, Incurred = Budgeted fixed olms

FO3 = Stdd. fixed Ovelheads for Actual Days Worked = Actual Days worked x stad fixed on Day Buggeted fixed U/ru

Budgeted Days

FOY = stdd. fixed overheads for Acrost this worked = Actual Hrs. Worked x char fixed on How

overheads for Actual Output

Actual author x Itald Fix. OH! Unit of author

Budgeted fixed 0/ms

Budgeted Output

Fixed of Cost Variance For - Fo,

fixed of n volume fixed of Expenditule Van ance variance FOS- FOD foz - FO1 fixed oly Fixed Olm capacity calendar Variance F03 - F02 Ex arrifle following information for Aug., 2017. TSAM2V Ltd. Achiel 32,500 33,000 30,000 Hours 20,000 45,000 fixed overhead (F) 26 25 Morning Dough compute fixed of Janance.

Chapter - 9 Marjinal costing

Income Statement

single Product

Multi product

CARMINICARCO

contribution

- . sales variable Cost
- · 100 velu = contlu
- . No of units sold x cont = Total cont.
- · fixed Cost + Profit

Variable Cost

- · LPIU Contribution /U = 04/6
- . No of units sold x relu Total VG
- . sales contribution

Contribution Ratio or Rulatio or Variable Profit Ratio

it one set or data is si and

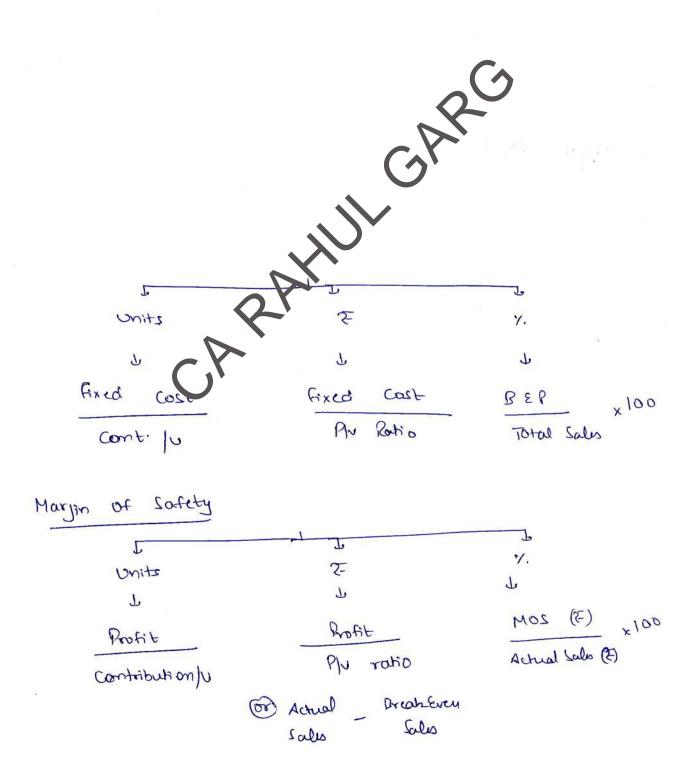
Contribution * 100

if two set of data is given

4

Change in contribution X 100 Change in solu

Break even Point



Sales	10	Earn	Desired	brofit	
Units					τ Σ
Fixed	+	Despe			fixed Desired Wast Profit
Cost Profit Contribution/Unit					Ar Ratio

Merged Plant

lant GARCO

chapter-10

Reconciliation of Cost & financial A/c

	Profit as Per	Cost Accounting
+	Incomer as	fel knowcial Ata only
. +	Profits	
,00	Expenses	
-	dosco	
-	Appropriations	
+	ovel recovery	of expense in cost A/c
-	under -	
+	Excess valuation	m of opening stock in Cost A/C
_	C	closing
_	under value	tion of opening —
+		closiny —
4	x3 bonoital	penses taken in Cost 1/2 only
	= Profit	as per financial Amounting

CARAINIL

Chapter 11

Integral and Non Integral system

Moderal (1)

(a) Purchase: Stores dedpth Courton (SLC) Ala

TO General Ledger Adj. A/c

6) Purchase Return: CILA Alc

(c) doss (i) Normal: And Ola control Ale

(9) Uprabyon

WIP control A/c

TO SLC A/C

(ii) Endret

Rod of control A/C

Adm. of control Alc

selle & Dist. Of a Control A/c

TO SLC A/C

(2) Labour Wayes

(a) Expense: wayes control 1/c
To GLA 1/c

(b) Absorption

(i) Direct: wif control 1/c

TO Wayer control A/c

(ii) Endirect: Prod. on control Ale

Adm. 10/2 coultof Ph

2 & D. Oh Barrol Ale

TO wayes control Alc

(3) Duct Expenses

(a) Expense: Expense comtrol A/c

TO GLA MG

(b) Absorption: WIP control A/c

TO Direct Exp Control A/c

(4) Production over heady

on expuse: Production Ohn Control Alc

(b) Absorption: With Control Alc
To Production of control Alc

(5) Transfer of Cost of Finished Product

Fa Control Ala

TO WIP Control A/C

- (6) Administration Oly
 - (a) Expense: Admin. Oln control Alc TO TOLA AC
 - (b) Absorption: FG control Ale

To Advm. Of Control Ak

(7) Transfel of COGS

Cost of sales Alc

To FG Control Alc

- (8) selling & Distribution Olns
 - on Expense: Sur Dist Olm control Ale TO GLA AC
 - Cost of sales Alc TO Sell & DIST OJH Control de
- (9) Transfer of Cost of sales Costiny PIL A/c

TO cost of sales A/c

(10) Sales CLA ALC TO CUSHING P/L A/C (11) (a) Profit: Cosking PL. TO GLA Alc

(b) doss: CILA A/C
TO Costiny PL A/C

(2) Under Over Recovery

(a) under Recovery: costing P.IL Ale

TO _____ Control 1/0

(b) over Recovery: ____ ancontrol A

TO Costing PL Alc

CARAIN

Chaptu -12

Service Operating Costing

Framport Morel Mospital

= No of Tonne XM

(am ed X (instruce)

commercial Tonne Km

= Average Rames

Total Kms. (Distance)

A Lossy starts with a load of 24 termes of Joods from station A. It unloads to termes at station B and balance at station C. It reaches back directly to station A after Jething reloaded with 18 termes of Joods at station C. Distance between A to B, B to C and C to A is 270, 150 to 325 Kms. Romfacte Absolute & Commercial

CARILLIA

About the Author...



RAHUL GARG is an energetic professional and his distinguished & exceptional teaching style has made thousands of aspiring professionals to conquer their exams successfully.

Gold Medalist

All India Rankholder in CA, CS, CMA

Professional Qualifications

- ✓ B.Com (GGDSD College, P.U.)
- ✓ CS (ICSI)
- ✓ CA (ICAI)
- ✓ CMA (ICAI)
- ✓ CFA (ICFAI)
- ✓ DISA (ICAI)
- ✓ MBA (Finance)
- ✓ Adv. Dip. Mgt. (ICFAI)

Awards & Achievements

- ✓ Covered by the National Magazine 'Career 360' amongst 12 National Toppers in 2010.
- Awarded by Mr. Atal Bihari
 Vajpayee for exceptional performance in academics

As a Faculty

- ✓ Guiding the students of CA, CS, CMA for past 7 years
- ✓ Time Management Skills
- ✓ Stress Management Skills
- ✓ How to Attempt
- ✓ 1 Day Capsule

Professional Journey

- ✓ AIR 1 (CMA Inter)
- ✓ AIR 3 (CMA Final)
- ✓ AIR 4 (CS Inter)
- ✓ AIR 13 (CS Final)
- ✓ AIR 41 (CA PE II)
- ✓ Distinction (CA PE I)
- ✓ Distinction (B. Com)

Boards & Committees

- ✓ Past Visiting Faculty at ICAI, Chandigarh
- ✓ Past Visiting Faculty at Chitkara University
- ✓ Past Joint Director (Coaching), ICAI (Cost)
- ✓ Past Secretary, ICAI (Cost)

International Representations

Worked with International Firms & Business Advisors

- ✓ Grant Thornton
- ✓ Ernst & Young