Problem 1:

Product A passes through two processes I and II and then to Finished Stock. From the following data prepare the Process A/c's:





Process II 1,900 20,000 20,000 6,170 10% 3

Process I A/c

Dr.							C
Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Material	2,000		30,000	By Normal Loss	100	2	200
" D/Wages	(10 -	20,000	" Process II A/c	1.900	30	57,000
" Overhead	1 <u>-</u> 1	12	7,200	Enterenticiencic-tries	Chirdren	5.051	10.500.5070
	2,000	_	57,200		2.000	-	57,200

Cost per unit =
$$\frac{57,000 - 200}{2,000 - 100} = \frac{57,000}{1,900} = \text{Rs. 30}$$

Process II A/c

Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Process I A/c	1,900	30	57,000	By Normal Loss	190	3	570
" Material	-	1	20,000	" Finished Stock	1,710	60	1,02,600
" Wages			20,000				
" Overhead			6,170				
	1,900		1,03,170		1,900	_	1,03,170

Cost per unit = $\frac{1,03,170-370}{1,900-190} = \frac{1,02,000}{1,710} = \text{Rs. 60}$

•

- Mukherjee & Co. produces an article through two processes X and Y which is then sent to the finished stock.
- The details of the processes are:

	Process X	Process Y
Material used	60,000	30,000
Wages	70,000	40,000
Overhead	20,000	40,000
Normal loss	5%	10%
Scrap value (Per 100 units)	80	100
Output (units)	9,500	8,500
10,000 units were brought into Process	@ Rs. 10 per uni	t.
Prepare Process A/cs.	ne one ut the table to the Meridia de Date	

Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Input	10,000	10	1,00,000	By Normal Loss	500	0.80	400
" Material	-	-	60,000	" Process II A/c	9,500	26.27	2,49,600
" Wages		-	70,000				
" Overhead	-	-	20,000				
	10,000	10.00	2,50,000		10,000	1	2,50,000

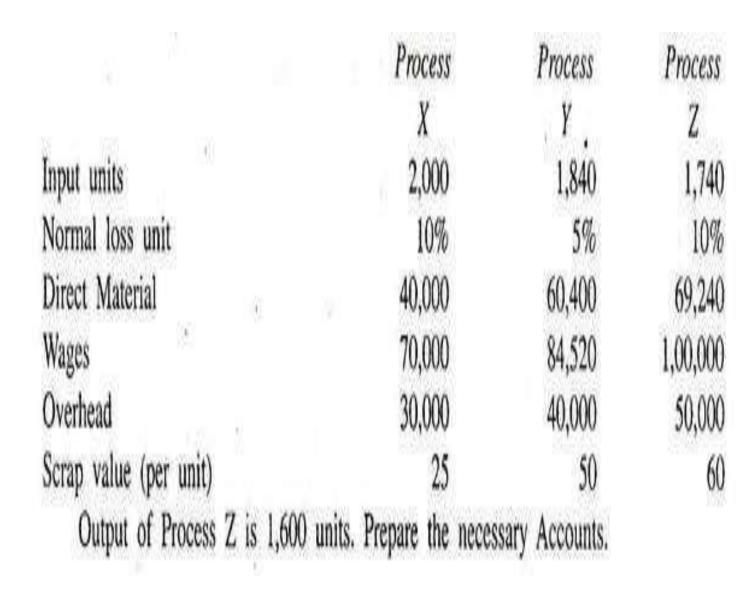
Process II A/c

٨.

Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs,
To Process 1	9,500	26·27	2,49,600	By Normal Loss	950	1.00	950
" Material	-	\rightarrow	30,000	" Abnormal Loss	50	41.947	2,097
" Wages	-	1	40,000	" Finished Stock	8,500	41.947	3,56,553
" Overhead	Overhead —	-	40,000				
9,500	9,500		3,59,600		9,500	-	3,59,600

Cost per unit = $\frac{9,50,000-950}{9,500-950} = \frac{5,50,000}{8,550} = \text{Rs. }41.947$

- Cost Accounting Problems on Normal Loss, Abnormal Loss and Abnormal Gain (1 Problem):
- Illustration 1:
- The following are the details of Process X, Process Y and Process Z:
- •



- Stock in process is valued at Prime Cost and Finished stock at the price at which it is received from process III.
- Find out the amount of provision to be made to offset the inter-process profits added.

Dr.	8		Process	X A/c			Cr.
Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Direct Material "Wages "Overhead	2,000	111	40,000 70,000 30,000	By Normal Loss " Processing	200 1,840	25 75	5,000 1,38,000
To Abnormal Gain	2,000 40	75	1,40,000 3,000		-		สโ
8	2,040	-	1,43,000		2,040		1,43,000
Dr.	C	lost Per	unit = Process	2,000 - 200 = 1	5,000 ,800		Cr.
Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Process X " D/M " Wages " Overhead	1,840	75 — —	1,38,000 60,400 84,520 40,000	By Normal Loss "Process 'Z' "Ab. Loss	72 1,740 28	50 180-61 180-61	3,600 3;14,263 5,057
	1,840	1122	3,22,920		1,840		3,22,920
Dr.			Process	Z A/c	3		Cr
Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Processing " Material " Labour " Overhead	1,740	180-61 — —	3,14,263 69,240 1,00,000 50,000	By Normal Loss " Finished stock	174 1,600	60 334	10,440 5,34,420
To Abnormal Gain	1,740 34	334	5,33,503 11,357				
	1,774	÷	5,44,860		1,774	_	5,44,860

D.

v 41.

			Norma	l Loss			
Dr.							Ci
Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Process X	200	25	5,000	By C.L.C	160	25	4,000
" Process Y	72	50	3,600	" Abnormal gain	40	25	1,000
" Process Z	174	60	10.440	" C.L.C.	72	50	3,600
				" C.L.C.	140	60	8,400
				" Ab. Gain	34	60	2.040
	446		19.040		446	- V	19,040
Dr.		/	Abnormal	Gain A/c			C
Particulars	Units	Rate	Amount Rs.	Particulars	Units	Rate	Amount Rs.
To Normal Loss	40	25	1,000	By Process X	40	75	3,000
" Normal Loss	34	60	2,040	" Process Z	34	334	11,357
" Costing P/L	-		11,317				1960/19501
	74	_	14.357		74	_	14,357

Abnormal	Loss	A/c
----------	------	-----

Dr. Cr.							
Particulars	Units	Rate	Amount Rs,	Particulars	Units	Rate	Amount Rs.
To Processing	28	180-61	5,057	By C.L.C " Costing P/L A/c	28	50	1.400
	28		5,057		28	_	5,057