ACG2022

		IN	VENTOR		οντροι				
The two pri	mary objectiv	es of control ove	r inventor	I U V are					
	rding the inve	ntory from dam	age or the	$f \in C$	' 'omnanies	use a variet	of techniques to		
safeguar	d inventory si	noi y from uum pecial forms for	inventory a	ronti	rol contro	use a variery olling who ha	s access to the inv	entory	
nrotectin	a inveniory, sp a avpansiva it	eciai joinis joi ems by locking i	n display s	holy	as along	with a whole	slow of cameras	chilly,	
	ig expensive ii ards and much	more	n uispiuy s	neiv	es, uiong	with a whole	siew of cumerus, s	security	
ags, gua	nus unu much	nure. . the financial s	tatomonta	D ₁ , 1	racardina	inventory us	ing a perpetual in	antom	
* Keporun	ig inveniory i idiam. Lodoor	i ine jinanciai si allowa for offici	iant mainta	by r	a of inve	inveniory usi	ng a perpetuat inv nd	eniory	
	sidiary Leager	allows for efficients	daan nuamie	dan	ce of inver	nory levels a	nu.	toms	
Sub:	sutury Leager	r A substatury te	ager provi	ues i	u compan	y a aeiailea r	ecora of specific il	diain a	
inai	are included i	n ine baiance oj	a general	ieag		ung account	ing. In a merchand	aising	
	pany, subsiaia :	iry leagers are u	sea to trac	κ τηθ		es of proaucts	s in inventory.		
SP nysical	inventory: col	unting the merch	ianaise to e	ensu	re the acc	uracy of the	amount of invento	ry Accum	ulated
reported	in the financia	al statements	1.			11	1 1	deprec	iation
<i>«Perpetua</i>	l inventory sy	stem: the physic	al inventor	y is	compared	to the record	ded inventory in	asset u	niua - ised to
order to a	determine the	amount of shrink	kage or she	ortag	ge. Each th	ime an invent	ory item is sold,	record	d the
it is remo	oved from the i	nventory control	sheets and	d the	e cost of g	oods sold is c	calculated.	reduct	ion in
_		INVENTORY	Y COST F	LO	W ASSU	MPTIONS		value	of the
Inventory m	ay be purchas	sed at different p	rice levels	at d	ifferent tir	nes, we are a	ll aware of the jun	<i>np</i> asset ac	ccount
in the price	e of gasoline w	hen rumors circ	ulate abou	t a c	eut in supp	oly. To accou	nt for the changing	3	
levels of pri	cing we use th	ree inventory co	ost flow ass	ump	otions:				
specific identification		≪ First-in, First-out		る Last-in, First-out			ふAverage Cost		
he specific identification		(FIFO)		(LIFO)			In weighted average we		
method is no	ormally used	The cost flow is in the			e cost flov	v is in	simply determine the		
by automobile order in which the co			the costs	rev	reverse order in which average cost of a			all	
dealerships, jewelry were incurred, mea			meaning	the costs were incurred,			gallons of milk and then		
stores, and	art galleries	that we assume	e that the	meaning that the last			assign the costs to the		
first gallon of milk I					llon of mi	lk I bought	sales based on that		
bought is sold first.					is sold first. average.				
The following	g inventory was	purchased during	g May:	T	The follow	ing sales wer	e made in May:		
		Units	Cost				Units	Cost	
May 10	Purchase	50	\$ 16.00		May 13	Sale	75	\$ 20.00	
18	Purchase	32	16.75		15	Sale	19	21.00	
Total		82	\$32.75		Total		94	\$40.00	

First-in, First-out the company had a beginning balance of 47 units at a cost of 14.95

	Purchases			Cost of Goods Sold			Inventory		
Date	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
May 1							47	14.95	702.65
May 10	50	16.00	800.00				47	14.95	702.65
							50	16.00	800.00
May 13				75	20.00	1500.00	22	16.00	352.00
May 15				19	21.00	399.00	3	16.00	48.00
May 18	32	16.75	536.00				3	16.00	48.00
							32	16.75	356.00
May 31	Balances					\$1,899.00			\$404.00

Page 1

FINANCIAL ACCOUNTING Chapter 7: Inventories

Last-in, F	' irst-out the c	company had	l a beginni	ng balance d	of 47 units	at a cost of	14.95				
Purchases			Cost	Cost of Goods Sold			Inventory				
Date	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
May 1							47	14.95	702.65		
May 10	50	16.00	800.00				47	14.95	702.65		
							50	16.00	800.00		
May 13				75	20.00	1500.00	22	14.95	328.90		
May 15				19	21.00	399.00	3	14.95	48.00		
May 18	32	16.75	536.00				3	14.95	44.85		
2.6. 2.6						* 1 000 00	32	16.75	356.00		
May 31	Balances					\$1,899.00			\$400.85		
Average (C ost the comp	oany had a b	eginning b	alance of 47	' units at a	cost of 14.9	5				
	L	Date of Purc	hase	Qı	Quantity U			nit Cost Total Co			
May 1	Beginni	ng Balance			47			14.95			
May 10	Purchas	e			5	0	16.00		800.00		
May 18	Purchas	e			3	2	16.75		356.00		
					12	9			\$1,858.65		
	Total Pr	rice		\$1,	858.65	¢1/	109 010000	nuico non	mit		
	Total Q	uantity			129	= \$14	.408 average	e price per	unit		
Cost of C	Goods Sold	$94 \times \$14.403$	8 = \$ 1,354	.54							
Ending I	nventory 129	-94 = 35;3	$35 \times \$14.4$	08 = \$504.3	5 (135	4.54 + 504.3	5 = \$1858.89	rounding)			
≪Period	ic inventory	system:									
Revenue i	s recorded ea	ich time a sa	le is made	. No entry is	made at th	he time of th	e sale to reco	ord the cos	t of the		
merchana	ise sold. At th	he end of the	accountin	g period, a p	physical in	ventory is ta	ken to deter	nine the co	ost of the		
inventory	and the cost	of the merch	andise sol	d. The same	cost flow c	issumption i	nust be made	e when ider	itical units		
are acqui	rea ai aijjerei		auring a p	erioa. In suc	in cases, in	le fif0, Li	r O, or avera	ge cosi me	inoa is usea.		
S Comp	aring inven	lory syslem ns generate di	'S ifferent valu	es for Cost of	Goods Sol	d Fnding Inv	entory Gross	Profit and	Net Income		
1111 1111 CC 11	First-in Firs	t-out		Inst-in	First-out		<u>eniory</u> , 01033 A	verage Cos	st		
This meth	od provides for	r a low Cost c	of This n	nethod provia	es for a High Cost This metho			d results in a Cost of Goods			
Goods Sold, since the older goods are of Goods Sold				ods Sold, sinc	e the newes	st goods	Sold, Ending Inventory, Gross Profit,				
sold first. This increases Ending are sold first. Th					decreases I	newhere					
Inventory, Gross Profit and Net Inventory, Gross Profit and Net between FIFO and LIFO.											
Income.	an Chant In	antom Valu	ation	le.							
s Duiur	Lowes	t of Cost or N	uuon Markot		Effacts i	fInventory	Valuation Fr	PARS			
If the cos	t of replacing	the inventory	y is less tha	n the	Income Statement: Inventory errors will misstate the						
inventory can be priced at the market price.						amounts for cost of merchandise sold, gross profit, and net					
Valuation at Net Realizable Value income.								<i>J</i> ,			
Out of date, spoiled, or damaged goods can be sold only at						Balance Sheet: Inventory errors misstate the merchandise					
a price below its original cost, should be valued at its net inventory, current assets, total assets, and owner's equ							ner's equity.				
realizable	e value. (Estin	nated Selling	Price – Dire	ect Costs of	·						
Disposal)	Analysis and	Interpretatio	n								
		Cost	n of Merchand	ise Sold		1,899		2.4.2			
Inven	tory Turnover	A	verage Inven	tory =	(702.6.	5+404.00) ÷ 2	=	3.4 times a	year		
Numb	er of Days Sales i	n Receivables	= Average	Average Inventor Daily Cost of Go	$\frac{y}{\text{pods Sold}} =$	(702.65+404	$\frac{1.00}{365} =$	106 days to	collect		