







Here shows a company'	s production and stock	figure	
Finished Goods	Year 1	Year 2	Total
Opening Stock	-	2,000	-
Produced	10,000	10,000	20,000
Sold	8,000	12,000	20,000
Closing Stock	2,000	0	0

First year unit produced 10000, unit s Unit Data: Sales Price :71 Variable manufacturing cost: In Variable non-manufacturing Fixed non-manufacturing cost: 30000 Fixed manufacturing cost: 54000 Normal Capacity: 12000 units(allocation)	sold 8000 : Direct material 4 Direct labour 21 ndirect manufacturing overhead 24 cost: 2 D ion base for fixed manufacturing cost)	What is the operating profit under for first year variable costing?

	Year 1	L variable co	osting)	
Revenues		£568.000	(=71x8.000)	
COGS	Var mftg	£392.000	(=49x8.000)	
	Variable nonmftg cost	£ 16.000	(=8.000soldx2/unit)	
Contributi	on margin	£160.000		
Fixed mftg	g costs	£ 54.000		
Fixed non	nftg costs	£ 30.000		
Operating	profit	£ 76.000		









	Year	1 (ab	sorption c	osting)	
Revenues		£	568.000	(=71x8.000)	
COGS	Var mftg	£	392.000	(=49x8.000)	
	Fixed mftg	£	36.000	(=4,5x8.000)	
	Volume variance	£	9.000	([12,000-10,000]x4,5), charged to	COGS
Gross margin		£	131.000		
Fixed nonmftg	costs	£	30.000		
Var nonmfgt		£	16.000	(=8000soldx2/unit)	
o (i+	f	85,000		



Illustration of sh operating profi	nortcut of ca t for absorp	alculating tion cos	g ting	
Finished Goods	Year 1	Year 2	Total	
Opening Stock	-	2,000	-	
Produced	10,000	10,000	20,000	
Sold	8,000	12,000	20,000	
Closing Stock	2,000	0	0	
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Overall Illustration

Finished Goods	Year 1	Year 2	Total
Opening Stock	-	2,000	-
Produced	10,000	10,000	20,000
Sold	8,000	12,000	20,000
Closing Stock	2,000	0	0
Operating Profit under variable costing	76000	156000	232000
Operating Profit under absorption costing	85000	147000	232000

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1100	000			
		Fixed manufacturing costs	Balance sheet	Difference
		expense in 2015	Inventory 2015	Net profit
Variable	costing			
	Sales are 900.000, 1.000.000 or 1.100.000 units	€ 2.200.000	0	
Absorptio	on costing			
	Sales are 900.000 units, inventory account increases (200.000x2€)	€ 1.800.000	€ 400.000	€ 400.000
	Sales are 1.000.000 units, inventory account increases (100.000x2€)	€ 2.000.000	€ 200.000	€ 200.000
	Sales are 1,100,000 units inventory account does not increase $(0x26)$	£ 2 200 000	£ .	6 .

Exam on the Spot

Top management of Nurion is concerned with inventory levels. It is wondering whether local managers are producing in excess of market demand and whether Variable Costing would be a better method for the valuation of stock to prevent such managerial behavior.

d) Explain (1) the difference between Variable Costing and Absorption costing (2 points), and(2) why Absorption costing may provide incentives for undesirable stock building (3 points).

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h	n Variable Costing, all variable manufacturing costs a	re included as i	nventoriable	costs;	
f	ixed costs are considered period costs				
ι	Under absorption costing, both variable and fixed man	nufacturing cos	ts are conside	ered invento	riable costs
1		1		T.	T
•	Under absorption costing, part of the fixed costs	are allocated	towards inve	entories. As	a result,
-	Under absorption costing, part of the fixed costs inventories will be higher and profits will also be	are allocated e higher.	towards inve	entories. As	a result,
	Under absorption costing, part of the fixed costs inventories will be higher and profits will also be Under variable costing, all fixed costs are charged	are allocated e higher. d to the incom	towards inve ne statement	entories. As	a result,
	Under absorption costing, part of the fixed costs inventories will be higher and profits will also be Under variable costing, all fixed costs are charged Thus, the difference is in how fixed costs are treat	are allocated e higher. d to the incom ated.	towards inve ne statement	entories. As	a result,
	Under absorption costing, part of the fixed costs inventories will be higher and profits will also be Under variable costing, all fixed costs are charged Thus, the difference is in how fixed costs are treat When sales are lower than production, profits ca	are allocated e higher. d to the incom ated. an be improve	towards inve ne statement d	entories. As	a result,
	Under absorption costing, part of the fixed costs inventories will be higher and profits will also be Under variable costing, all fixed costs are charged Thus, the difference is in how fixed costs are trea When sales are lower than production, profits ca by producing for inventory when using absorption	are allocated e higher. d to the incom ated. an be improve on costing	towards inve ne statement d	entories. As	a result,
	Under absorption costing, part of the fixed costs inventories will be higher and profits will also be Under variable costing, all fixed costs are charged Thus, the difference is in how fixed costs are treat When sales are lower than production, profits can by producing for inventory when using absorption Problem is that the inventories may not be sold,	are allocated e higher. d to the incom ated. an be improve on costing	towards inve ne statement d	entories. As	a result,

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Exam Practice

Last year, Tennindo Ltd had a total production cost of \pounds 250,000, of which \pounds 210,000 is variable. A total of 51,000 units were produced, and 12,750 units remain as inventory at year end. Assuming a variable costing approach, the value of the inventory in \pounds is:

- a. € 52,500
- b. € 62,500
- c. € 160,000
- d. € 237,250

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