

2. Below is a cash statement for the first half of the year for WIDGET Manufacturing Co. Ltd for the year 1989. Enter the data into a worksheet as shown. Save your work in a 3 ½ Floppy disk as Widget XLS

	A	B	C	D	E	F	G	H
1	WIDGET MANUFACTURING COMPANY LIMITED							
2	CASH FLOW ANALYSIS 1989							
3								
4			ASSUMPTIONS					
5			Interest rate	9%				
6			Cost of goods	55%				
7								
8		Jan-89	Feb-89	Mar-89	Apr-89	May-89	Jun-89	TOTAL
9	CASH ON HAND	43,000						
10								
11	INCOME							
12	Sales of Goods	83,394	110,237	114,563	117,329	123,291	108,345	
13	Sales of services	6,432	10,234	11,784	76,123	10,523	11,239	
14	Total sales							
15	Interest income							
16								
17	Total income							
18								
19	EXPENSES							
20	Cost of goods sold							
21	Rent	9,755	8,923	8,923	8,923	8,923	8,923	
22	Salaries	19,849	15,234	15,234	15,234	15,234	15,234	
23	Taxes	1,204	1,094	1,094	1,094	1,094	1,094	
24	Supplies	2,050	2,050	2,050	2,050	2,050	2,050	
25	Advertising	8,983	12,047	12,047	12,047	12,047	12,047	
26	Travel	1,432	1,432	1,432	1,432	1,432	1,432	
27	Misc.	500	500	500	500	500	500	
28								
29	Total expenses							
30								
31	Net income							
32	Net cash on hand							

- b. Calculate the total sales for the month of January and use it to calculate the total for the month of Feb-Jun (1mark) *Kyo*
- c. Using the assumed interest rate calculate the interest income of cash at hand given that the formula is interest= (Interest rate X cash on hand) /12. project the interest for the months Feb-June (2marks) *Kyo*
- d. Calculate the cost of goods given that:
Cost of goods=%cost of goods X total sales then use it to project the cost of goods for the months Feb-June (2marks) *Kyo*
- e. Calculate the total income and the total expenses for the months Jan-June (2marks) *Kyo*
- f. (i) Calculate the net income given that
net income=total income-total expenses
(ii) Calculate the cash on hand for Jan-June given that the cash on hand=cash on hand + net income
- g. Project cash on hand for the months of Feb-June given that the cash on hand at the beginning of the month= net cash on hand at the end of the previous month
- h. Calculate the totals for each item (2marks) *Kyo*
- i. In its own worksheet generate a line graph to compare the total income and total expenses for Widget Manufactures (4marks) *Kyo*
- j. Rename the data sheet as Widget 89 and chart as chart 89 (1mark) *Kyo*
- k. Print Widget 89 and chart 89 (2marks) *Kyo*