Aufgabe 14.6: Accounting for Liabilities along IFRSs

(Ausweis von Schulden nach IFRSs)

On 31.12.20X0 BASHAKE Ltd. takes a bank loan from its house bank 250,000.00 EUR. The bank loan requires a pay-off of 50,000.00 EUR every yearend. The rate of interest for the bank loan is 3 %/a and is to be paid at each year end. The discount rate is 2.5 %/a.

On 31.12.20X2 BASHAKE Ltd. pays interest and pays off all debts and takes a new bank loan which is an annuity to the extent of 150,000.00 EUR. The annual constant payment amounts to 50,000.00 EUR and contains a portion of interest being 3,000.00 EUR in the first year 20X3. The rate of interest stays (is constant).

Required: Prepare the accounts and the liability recognition for the first 3 accounting periods. You must consider liabilities discounted and follow IAS 1 for liability recognition. Use for bookkeeping identification in 20X0 figures, in 20X1 capital letters, and in 20X2 small letters. Assume the taking of bank loans is before closing of accounts for the accounting period. However, a bank loan taken on 31.12. won't result in interest and pay-off payments for the actual accounting period anymore. The amounts will be due in the next following period.

Solution:

		0.03		0.025					
Year	Amount	Interest	Pay-off	Remaining amount	per	Discountfactor	I-t Liability		
2001	250,000.00	7,500.00	50,000.00	200,000.00		1.00	50,000.00		
2002	200,000.00	6,000.00	50,000.00	150,000.00	2.00	0.95	47,590.72		
2003	150,000.00	4,500.00	50,000.00	100,000.00	3.00	0.93	46,429.97		
2004	100,000.00	3,000.00	50,000.00	50,000.00	4.00	0.91	45,297.53		
2005	50,000.00	1,500.00	50,000.00	0.00	5.00	0.88	44,192.71		
			200,000.00				183,510.94		
	Year 2001 2002 2003 2004 2005	Year Amount 2001 250,000.00 2002 200,000.00 2003 150,000.00 2004 100,000.00 2005 50,000.00	Year Amount Interest 2001 250,000.00 7,500.00 2002 200,000.00 6,000.00 2003 150,000.00 4,500.00 2004 100,000.00 3,000.00 2005 50,000.00 1,500.00	Year Amount Interest Pay-off 2001 250,000.00 7,500.00 50,000.00 2002 200,000.00 6,000.00 50,000.00 2003 150,000.00 4,500.00 50,000.00 2004 100,000.00 3,000.00 50,000.00 2005 50,000.00 1,500.00 200,000.00	Year Amount Interest Pay-off Remaining amount 2001 250,000.00 7,500.00 50,000.00 200,000.00 2002 200,000.00 6,000.00 50,000.00 150,000.00 2003 150,000.00 3,000.00 50,000.00 100,000.00 2004 100,000.00 3,000.00 50,000.00 50,000.00 2005 50,000.00 1,500.00 200,000.00 0.00	Year Amount Interest Pay-off Remaining amount per 2001 250,000.00 7,500.00 50,000.00 200,000.00 200,000.00 200,000.00 200,000.00 200,000.00 200,000.00 2.00 30,000.00 3,000.00 3,000 3,000.00 3,000.00 3,000.00 50,000.00 4,00 3,000.00 50,000.00 5,000.00 4,00 200,000.00 5,000	Year Amount Interest Pay-off Remaining amount per Discountfactor 2001 250,000.00 7,500.00 50,000.00 200,000.00 1.00 2002 200,000.00 6,000.00 50,000.00 150,000.00 2.00 0.95 2003 150,000.00 4,500.00 50,000.00 100,000.00 3.00 0.93 2004 100,000.00 3,000.00 50,000.00 50,000.00 4.00 0.91 2005 50,000.00 1,500.00 200,000.00 5.00 0.08 200,000.00		

Exhibit 1: Interest-and-pay-off-schedule

		0.02					0.025	
Year	Amount	Interest	Pay-off	Annuity	Remaining amount	per	Discountfactor	I-t Liability
20X3	150,000.00	3,000.00	47,000.00	50,000.00	103,000.00		1.00	47,000.00
20X4	103,000.00	2,060.00	47,940.00	50,000.00	55,060.00	2.00	0.95	45,629.98
20X5	55,060.00	1,101.20	48,898.80	50,000.00	6,161.20	3.00	0.93	45,407.40
20X6	6,161.20	123.22	6,161.20	0.00	0.00	4.00	0.91	5,581.74
			103,000.00		6,380.88			96,619.12

Exhibit 2: Interest-and-pay-off-schedule



Exhibit 3: Accounts