



2016 Bank Study Project Class of 2017

MERGERS AND ACQUISITIONS

Chris Hargrove

NOTES:

1. Please use 8 1/2" x 11" paper (or paper folded to that size).
2. Please attach the **Junior Cover Sheet – Class of 2017** from <http://www.gsblsu.org/students-4/>.
3. Please staple your project or use a binder clip. **DO NOT** use paper clips or any kind of folder or binder.

Complete and mail by February 15, 2017

Graduate School of Banking at LSU

4273 Highland Road
Baton Rouge, LA 70808-4541
225-766-8595

MERGERS AND ACQUISITIONS

2016 Bank Study Project

Chris Hargrove

Discussion Question: List and discuss all the factors that influence the value a bank receives in an acquisition (limit response to two pages).

Problem One

Project the impact to the earnings per share of the acquirer for three years assuming a 100% common stock transaction and utilizing the following data:

Acquirer Information

Average Assets Year One	\$200,000
Growth Rate of Assets	10%
Return on Average Assets	1.00%
Shares Outstanding	1,000

Seller Information

Average Assets Year One	\$100,000
Growth Rate of Assets	8.0%
Return on Average Assets	1.25%
Shares Outstanding	500
Exchange Ratio	1.1 for 1

Total Core Deposit Intangible \$2,700

Amortization Period of Core Deposit Intangible 10 Years (straight line)

Use the table on the following page to assist in solving the problem.

	Year 1	Year 2	Year 3
Average Assets-Acquirer	\$ _____	\$ _____	\$ _____
Average Assets-Seller	_____	_____	_____
Shares Outstanding-Acquirers	_____	_____	_____
New Shares Issued	_____	_____	_____
Pro Forma Shares	_____	_____	_____
Net Income Acquirer	\$ _____	\$ _____	\$ _____
Net Income Seller	_____	_____	_____
Amortization of CDI	_____	_____	_____
Pro Forma Net Income	\$ _____	\$ _____	\$ _____
Status Quo Earnings			
Per Share-Acquirer	\$ _____	\$ _____	\$ _____
Pro Forma Earnings Per Share *	_____	_____	_____
Amount Change	_____	_____	_____
Percent Change	_____	_____	_____
* Round to nearest cent			

Problem Two

Utilize the following information to solve the problem:

Deposits	\$60,000
Core Deposit Premium	3.0%
Purchase Price	\$10,000
Seller Net Income	\$ 1,000
Seller Equity	7,500
Interest Rate on Debt	10%
Tax Rate	34%
Principle Payment at the End of the First Year	\$ 100
Core Deposit Intangible Premium Amortization	10 years (straight line)

Utilizing the information above and assuming a 100% cash transaction, what is the gross impact to the acquiring institution's net income in the first year?

Net Income Seller	\$ _____
Interest Expense	(_____)
Core Deposit Intangible Amortization	(_____)
Tax Impact	_____
Gross Impact	\$ _____

What is the cash needed by the acquirer to fund its debt in the first year? \$_____.

Problem Three

Utilize the following information to solve the following share repurchase: Share Price

	\$20.00
Shares Repurchased	200,000
Current Shares Outstanding	1,000,000
Current Net Income	\$ 2,000,000
Current Equity	\$18,000,000
Cost of Funds	8.0%
Tax Rate	34.0%

Status Quo Net Income	<u>\$2,000,000</u>
Cost of Funds	(<u> </u>)
Tax Effect	<u> </u>
Pro Forma Net Income	\$ <u> </u>

Status Quo Shares Outstanding	<u>1,000,000</u>
Repurchased Shares	(<u> </u>)
Pro Forma Shares Outstanding	<u> </u>
Status Quo Earnings Per Share	<u>\$2.00</u>
Pro Forma Earnings Per Share (round to nearest cent)	\$ <u> </u>

Status Quo Equity	<u>\$18,000,000</u>
Redemption	(<u> </u>)
Pro Forma Equity	\$ <u> </u>

Status Quo Book Value Per Share	<u>\$18.00</u>
Pro Forma Book Value Per Share (round to nearest cent)	\$ <u> </u>