

## Session 21: Post Class tests

1. In asset-based valuation, you try to value a company by valuing its individual assets and adding up these asset values to arrive at the value of the company. In which of the following scenarios is asset-based valuation likely to work best?
  - a. Mature companies with separable, stand alone assets
  - b. Growth companies with separable, stand alone assets
  - c. Mature companies with interrelated, connected assets
  - d. Growth companies with interrelated, connected assets
2. In liquidation valuation, you are trying to value a company in liquidation, where you plan to sell its assets to the highest bidders. Which of the following is best valuation approach in making this estimate?
  - a. An intrinsic value of assets in place and growth potential
  - b. An intrinsic value of assets in place
  - c. An intrinsic value of growth assets
  - d. A relative valuation of assets in place and growth potential
  - e. A relative valuation of assets in place
  - f. A relative valuation of growth assets
3. Given your understanding of fair value accounting, which of the following best describes the mission?
  - a. To estimate the intrinsic value of assets in place
  - b. To estimate the intrinsic value of growth assets
  - c. To estimate the intrinsic value of asset in place and growth potential
  - d. To estimate the relative value of assets in place
  - e. To estimate the relative value of growth assets
  - f. To estimate the relative value of assets in place and growth assets

4. You are trying to value Wyckham Inc., a conglomerate operating in three businesses, with projected after-tax operating income (in millions) in the next period.

<i>Business</i>	<i>Expected EBIT (1-t)</i>	<i>ROIC</i>	<i>Cost of capital</i>
Steel	\$150	9%	8%
Chemicals	\$100	12%	9%
Technology	\$ 50	15%	13%

The companies are in stable growth, growing 3% a year in perpetuity. What is the sum of the parts value for Wyckham Inc.?

- a. \$3,000 million
  - b. \$3,500 million
  - c. \$3,650 million
  - d. \$4,250 million
  - e. \$5,167 million
5. Now assume that you are doing a relative valuation of Wyckham Inc. and have been provided with the EBITDA (in millions) and the median EV/EBITDA of in each business:

Business	EBITDA	EV/EBITDA multiple for sector
Steel	300	8
Chemicals	200	5
Technology	100	6

If the company has \$1 billion in debt outstanding and \$500 million in cash, what is the value of equity in the company?

- a. \$2,500 million
- b. \$3,000 million
- c. \$3,500 million
- d. \$4,000 million
- e. \$4,500 million