# Mergers and Acquisitions (M&A) Professional Certification Practice Test (Sample)

**Study Guide** 



Everything you need from our exam experts!

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# **Questions**



- 1. What is the maximum consideration a buyer should offer if a seller has a 40% chance of winning a \$100 million patent infringement lawsuit, assuming a 12% cost of capital?
  - A. \$28 million
  - B. \$50 million
  - C. \$40 million
  - D. \$12 million
- 2. What will be the Earnings per Share (EPS) of Divot Company in 2020 after the acquisition of Pivot Company?
  - A. \$10.00
  - B. \$8.00
  - C. \$9.00
  - **D.** \$7.00
- 3. Why do owners of a corporate seller prefer a "sale of stock" over a "sale of assets"?
  - A. To avoid tax liabilities
  - B. To retain better control
  - C. All of the above
  - D. To simplify transaction processes
- 4. When is it advisable for a company to disclose potential benefits of an acquisition?
  - A. During the negotiation period to create leverage
  - B. Immediately after regulatory approval
  - C. Before investor meetings to generate interest
  - D. At the completion of the acquisition to manage shareholder expectations
- 5. What does a Confidential Information Memo (CIM) typically outline in the sale process?
  - A. Detailed financial projections of the seller
  - B. Overview of the seller's business
  - C. Legal responsibilities of the buyer
  - D. Market analysis of all competitors

- 6. What is the appropriate accounting treatment for an overfunded defined benefit pension plan acquired by a company?
  - A. Recognize a liability on the balance sheet
  - B. Ignore it in the purchase accounting
  - C. Recognize an asset on the balance sheet
  - D. Report it as a separate equity item
- 7. Which acquisition tactic is considered the most conservative for an equity investor when purchasing?
  - A. Buying larger competitors
  - **B.** Buying smaller competitors
  - C. Acquiring majority stakes in startups
  - D. Investing in real estate ventures
- 8. What best describes "Implementation" in the context of this module?
  - A. Training employees on company policies
  - B. Measuring employee performance through assigned metrics
  - C. Setting company-wide goals without metrics
  - D. Outlining company strategies without follow-through
- 9. Why are cost synergies easier to achieve in American mergers and acquisitions?
  - A. Less competition in the market
  - B. The buyer can reduce operational costs easily
  - C. The buyer can lay off employees with little penalty
  - D. Stronger legal protections
- 10. What is the accounting treatment for a \$1 million bonus paid to an executive for completing an acquisition?
  - A. Classified as a long-term liability
  - B. Treated as an operating expense for the current period
  - C. Capitalized as part of acquisition costs
  - D. Disclosed as a contingent liability

### **Answers**



- 1. A 2. C 3. C 4. D 5. B 6. C 7. B 8. B 9. C 10. B



# **Explanations**



- 1. What is the maximum consideration a buyer should offer if a seller has a 40% chance of winning a \$100 million patent infringement lawsuit, assuming a 12% cost of capital?
  - A. \$28 million
  - B. \$50 million
  - C. \$40 million
  - D. \$12 million

To determine the maximum consideration a buyer should offer when assessing the value of a potential patent infringement lawsuit, one needs to consider the probability of success and the potential financial outcome from that success. In this scenario, the seller has a 40% chance of winning a \$100 million lawsuit. To find the expected value of the lawsuit, you multiply the probability of winning by the potential payout: Expected Value = Probability of Winning × Potential Payout =  $0.40 \times \$100$  million = \$40 million. However, due to the cost of capital, which represents the buyer's minimum required return on an investment, this expected value must be discounted to reflect its present value. Given a 12% cost of capital, we need to account for the time value of money in our calculation. The present value of the expected payout (assuming it would be realized in the future rather than instantly) can be calculated using the formula for present value: Present Value = Expected Value / (1 + rate of return) = \$40 million / (1 + 0.12) = \$40 million / 1.12 = approximately \$35.71 million. The correct maximum offer for the buyer should not normally exceed this present value

- 2. What will be the Earnings per Share (EPS) of Divot Company in 2020 after the acquisition of Pivot Company?
  - A. \$10.00
  - B. \$8.00
  - C. \$9.00
  - D. \$7.00

To determine the Earnings per Share (EPS) of Divot Company in 2020 after the acquisition of Pivot Company, it's essential to understand how an acquisition might impact the financial metrics of the acquiring company. The EPS is calculated by taking the net income of the company and dividing it by the number of outstanding shares. After the acquisition, Divot Company's net income would be affected by the earnings generated from Pivot Company as well as any adjustments from expenses or synergies associated with the merger. In this scenario, if \$9.00 is the EPS determined after considering these financial factors, it suggests that the acquisition has resulted in maintaining a strong earnings performance per share. This could reflect the successful integration of Pivot Company into Divot's operations, allowing Divot to leverage Pivot's earnings potential while managing any additional expenses. Understanding that the calculation of EPS encompasses both the net income contributions from the newly acquired company and the overall share count is vital. This helps illustrate how strategic acquisitions can be designed to enhance shareholder value, which in this case shows a respectable EPS of \$9.00 post-acquisition.

- 3. Why do owners of a corporate seller prefer a "sale of stock" over a "sale of assets"?
  - A. To avoid tax liabilities
  - B. To retain better control
  - C. All of the above
  - D. To simplify transaction processes

Choosing a "sale of stock" over a "sale of assets" is often preferred by owners of a corporate seller due to several significant factors, which collectively enhance the appeal of this transaction structure. When a stock sale occurs, the buyer acquires the shares of the company, which means they are effectively taking over the entire entity, including its operations, liabilities, and any tax benefits associated with the loss carryforwards. This structure can help sellers avoid triggering immediate tax liabilities that might arise in an asset sale. In an asset sale, the seller may be required to recognize gains on the sale of each asset, potentially resulting in substantial tax implications that could decrease the net proceeds from the sale. Additionally, a stock sale helps sellers retain better control over the process, as it usually involves less complexity when it comes to transferring ownership. Since the buyer is acquiring the company as a whole, there is less need for numerous individual asset transfers, which can complicate ownership changes, particularly when dealing with items like leases, permits, and other contracts. Moreover, the simplicity of a stock sale streamlines the transaction process. It typically requires less due diligence and fewer negotiations compared to an asset sale, where each asset's value and ownership needs to be meticulously evaluated and

- 4. When is it advisable for a company to disclose potential benefits of an acquisition?
  - A. During the negotiation period to create leverage
  - B. Immediately after regulatory approval
  - C. Before investor meetings to generate interest
  - D. At the completion of the acquisition to manage shareholder expectations

Disclosing potential benefits of an acquisition at the completion of the acquisition to manage shareholder expectations is a strategic approach. At this stage, the relevant stakeholders, including shareholders, are invested in the outcome of the acquisition and are often focused on understanding how it aligns with the company's future direction and profitability. By presenting the anticipated benefits at this point, the company can effectively set realistic expectations, clarify the strategic rationale behind the acquisition, and enhance shareholder confidence in the decision-making process. Timing is crucial; presenting potential benefits too early, such as during negotiation or even before investor meetings, might lead to misinterpretations, inflated expectations, or concern if outcomes shift post-acquisition. After regulatory approval and before completion, the focus may be more on procedural logistics rather than strategic insights, thus, maximizing the communication of benefits post-acquisition is essential for fostering investor trust and aligning expectations with the company's integrated vision moving forward.

- 5. What does a Confidential Information Memo (CIM) typically outline in the sale process?
  - A. Detailed financial projections of the seller
  - B. Overview of the seller's business
  - C. Legal responsibilities of the buyer
  - D. Market analysis of all competitors

A Confidential Information Memo (CIM) plays a vital role in the M&A sale process as it provides an overview of the seller's business. This document is designed to present potential buyers with a concise yet comprehensive summary of the company's operations, financial health, and strategic position in the market. The business overview typically includes background information about the company, details about its products or services, market position, competitive advantages, and operational capabilities. The CIM serves to intrigue potential buyers and provides them with the necessary context to assess the opportunity. While it may include financial data and other analyses, the primary intention is to give a clear picture of the company's overall business model and value proposition. This allows interested parties to evaluate whether they want to proceed with deeper due diligence. Other components such as detailed financial projections or legal responsibilities may be included in different documents or sections of the due diligence process, but the essence of the CIM lies in its function as a summary of the seller's business.

- 6. What is the appropriate accounting treatment for an overfunded defined benefit pension plan acquired by a company?
  - A. Recognize a liability on the balance sheet
  - B. Ignore it in the purchase accounting
  - C. Recognize an asset on the balance sheet
  - D. Report it as a separate equity item

When a company acquires an overfunded defined benefit pension plan, the appropriate accounting treatment is to recognize an asset on the balance sheet. This is because an overfunded pension plan indicates that the company's plan assets exceed the present value of the pension obligations. In accounting terms, this surplus represents an asset for the acquiring company, as it can potentially be used to reduce future pension contributions or be returned to the company under certain circumstances. Recognizing this surplus aligns with the principles of fair value measurement and the overall objective of providing a true and fair view of the acquiring company's financial position after the acquisition. The other options do not accurately reflect the appropriate accounting treatment for an overfunded defined benefit pension plan. Recognizing a liability would not apply since the plan is overfunded; ignoring the plan would overlook a significant asset that impacts the company's financial condition; and reporting it as a separate equity item is not consistent with accounting standards, as it is categorized as an asset rather than influencing equity directly.

- 7. Which acquisition tactic is considered the most conservative for an equity investor when purchasing?
  - A. Buying larger competitors
  - **B.** Buying smaller competitors
  - C. Acquiring majority stakes in startups
  - D. Investing in real estate ventures

The most conservative acquisition tactic for an equity investor involves purchasing smaller competitors. This approach allows an investor to mitigate risk while still gaining strategic advantages. Smaller companies often have lower valuations, which means they're less costly and their failure would have a less significant impact on the investor's overall portfolio. Additionally, acquiring smaller competitors can be easier in terms of integration and less disruptive to the existing market dynamics compared to acquiring larger entities, which might have complex structures and legacy issues. By focusing on smaller companies, investors can look for niche markets or emerging sectors that may hold growth potential without incurring the higher risks associated with larger and established competitors, which might face regulatory scrutiny or cultural integration challenges. In contrast, buying larger competitors often involves complex negotiations and likely regulatory hurdles, which can complicate the acquisition process and create additional risks. Acquiring majority stakes in startups, while potentially lucrative, carries the high risk associated with early-stage companies that may not yet have proven business models. Investing in real estate ventures also represents a different investment strategy that may not provide direct competitive advantages in the same way that acquiring smaller competitors might. Thus, buying smaller competitors stands out as the most conservative approach, balancing risk and opportunity effectively.

- 8. What best describes "Implementation" in the context of this module?
  - A. Training employees on company policies
  - B. Measuring employee performance through assigned metrics
  - C. Setting company-wide goals without metrics
  - D. Outlining company strategies without follow-through

In the context of mergers and acquisitions, "Implementation" refers to the process of putting strategic plans into action, which includes measuring employee performance through assigned metrics. This is a crucial step as it allows the organization to evaluate how well the new strategies are being executed, ensuring that the goals set during the planning phase are being met effectively. By measuring performance quantitatively and qualitatively, the company can identify areas for improvement, adjust strategies if necessary, and ensure that employees are aligned with the overall objectives. Although training employees on company policies, setting company-wide goals without metrics, and outlining strategies without follow-through are important components of organizational effectiveness, they do not fully capture the essence of "Implementation." The integration of metrics into performance measurement is vital in assessing the success of any implementation effort.

- 9. Why are cost synergies easier to achieve in American mergers and acquisitions?
  - A. Less competition in the market
  - B. The buyer can reduce operational costs easily
  - C. The buyer can lay off employees with little penalty
  - D. Stronger legal protections

In the context of American mergers and acquisitions, the reason cost synergies are often easier to achieve is primarily due to the ability of the buyer to lay off employees with relatively few penalties. This flexibility allows companies involved in mergers or acquisitions to quickly streamline operations, eliminate redundancies, and reduce labor costs, all of which are critical components of achieving anticipated cost synergies. The labor laws in the United States tend to favor employer discretion in workforce management decisions during M&A activities. By having the capability to make significant changes to the workforce without facing overwhelming legal or financial repercussions, companies can effectively align their human resources with the new strategic goals set forth post-merger. Other options present factors that might influence mergers and acquisitions but do not directly address the core reason for achieving cost synergies in the American context. The competitive landscape, operational cost structures, and legal protections are important but do not have the same direct impact on the immediate ability to realize cost efficiencies through layoffs as the employee flexibility afforded to buyer companies in the U.S.

- 10. What is the accounting treatment for a \$1 million bonus paid to an executive for completing an acquisition?
  - A. Classified as a long-term liability
  - B. Treated as an operating expense for the current period
  - C. Capitalized as part of acquisition costs
  - D. Disclosed as a contingent liability

The accounting treatment for a \$1 million bonus paid to an executive for completing an acquisition is appropriately treated as an operating expense for the current period. When an executive bonus is paid as a direct result of completing a deal, it is recognized as a compensation expense in the period in which the obligation is incurred. This is consistent with the matching principle in accounting, which dictates that expenses should be recognized in the same period as the related income they help generate. This treatment ensures that the costs associated with compensating executives are accurately reflected in the financial statements, impacting the income statement as an expense. Such expenses reduce the net income for the period, providing stakeholders with a clearer picture of the company's operational costs during that time frame. While other options might seem plausible, they do not align with the standard treatment for executive bonuses in GAAP accounting. Bonuses like this are not classified as a long-term liability because they are typically settled in the short term. Capitalizing it as part of acquisition costs would imply that the bonus contributes to the value of the acquired asset, which is not the case since it's related to executive compensation rather than enhancing asset value directly. Lastly, disclosing it as a contingent liability does not apply here because the bonus is a certainty based on the acquisition