$\qquad$
Time $\qquad$
Rank $\qquad$

# BANKING \& FINANCE (08) 

Sponsored by the American Institute for Certified Public Accountants.

## AICPA

## Regional- 2010

## Objective Portion (35 @ 2 pts. each)

$\qquad$
Problem Portion (6@5 pts each) $\qquad$
TOTAL POINTS $\qquad$

Failure to adhere to any of the following rules will result in disqualification:

1. Contestant must hand in this test booklet and all printouts. Failure to do so will result in disqualification.
2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests or facsimile (handwritten, photocopied, or keyed) are allowed in the testing area.
3. Electronic devices will be monitored according to ACT standards.

No more than 60 minutes testing time

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MULTIPLE CHOICE: Choose the best answer for each of the following and record your answer on the Scantron form provided:

1. An element of internal control is
a. Risk assessment
b. Journals
c. Subsidiary ledgers
d. Controlling accounts
2. One result of competition among banks is that
a. more services are available to customers
b. more banks exist now than a decade ago
c. the trend toward mergers in the banking industry has slowed
d. all of the above
3. Which of the following is considered a liability for a bank?
a. Loans
b. Investments
c. Deposits
d. None of the above; banks are prohibited by law from carrying liabilities
4. The largest denomination of paper currency in the United States today is the
a. one hundred dollar note
b. five hundred dollar note
c. one thousand dollar note
d. ten thousand dollar note
5. Which of the following is NOT a function of the Federal Reserve
a. levying a high tax on state bank notes
b. conducting bank examinations
c. handling the government's central banking function
d. determining whether banks can borrow money from the Federal Reserve
6. FDIC insures a one-owner company up to?
a. $\$ 100,000$
b. $\$ 150,000$
c. $\$ 250,000$
d. $\$ 1,000,000$
7. The rate of interest the Federal Reserve charges banks for short-term loans is called the
a. discount rate
b. federal funds rate
c. reserve requirement rate
d. prime rate

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8. If there is too much money moving in the economy
a. unemployment will probably rise
b. prices may rise, causing inflation
c. prices will fall, causing widespread business failure
d. both a and b, but not c
9. Which of the following assets is most liquid?
a. the money in your savings account
b. 100 shares of stock in a Fortune 500 company
c. the money in your wallet
d. a certificate of deposit that comes due in six months
10. Which of the following is NOT considered a factor in money creation?
a. the Federal Reserve's supply and control of money
b. banks' use of money
c. the demand for money
d. the printing of currency by the Bureau of Engraving and Printing
11. If banks must hold more money in reserve,
a. the money supply will expand
b. the is more money available to lend
c. there is less money available to lend
d. both a and b, not c
12. The most common form of a transaction account is a
a. savings account
b. checking account
c. money market account
d. certificate of deposit
13. Which of the following is NOT a time deposit?
a. savings account
b. checking account
c. money market account
d. certificate of deposit
14. Which of the following accounts are you LEAST likely to encounter at a modern bank?
a. checking account
b. certificate of deposit
c. money market account
d. passbook savings account
15. Adding interest to the principal and paying interest on the new total is called paying
a. compounded interest
b. simple interest
c. semi-annual interest
d. total interest
16. For the purposes of computing interest compounded daily, an ordinary year is generally considered to be
a. 336 days
b. 360 days
c. 365 days
d. 366 days
17. Which of the following features of a check indicates who is to receive the funds?
a. the bearer
b. the signature
c. the payee
d. the memo
18. The term negotiation, as it applies to a negotiable instrument, applies to
a. the ability of the holder to obtain its value
b. the conditions of the instrument
c. the terms of the instrument
d. all of the above
19. Which of the following endorsements is the least secure?
a. qualified endorsements
b. full endorsement
c. restrictive endorsement
d. blank endorsement
20. Which of the following directly transfers money from a person's account to the account of a retailer?
a. charge card
b. credit card
c. debit card
d. cash card
21. Which of the following is NOT a tip consumers should follow regarding the use of checks?
a. endorse all checks in the presence of a bank teller
b. shred account statements and canceled checks rather than simply throwing them in the trash
c. don't leave spaces on checks
d. have your social security number printed on your checks to aid identification
22. A legal claim a lender has on property to secure a debt is called
a. a lien
b. collateral
c. an acceleration clause
d. a garnishment
23. Which of the following statements about open-end loans is true?
a. an automobile loan is probably the most common type of open-end loan
b. the longer you use the money, the more you pay
c. the amount owed is fixed
d. the term is fixed
24. Which of the following elements of the FICO credit-scoring system carriers the most weight?
a. types of credit
b. payment history
c. length of credit history
d. new credit
25. Which of the following statements is NOT true?
a. credit bureaus may not report information more than one year old
b. a creditor may not use receipt of public assistance as a factor in determining creditworthiness
c. if there is a billing dispute, creditors may not take adverse action until the dispute is resolved
d. bill collectors may not call debtors at odd hours
26. Which of the following components of a fixed-rate mortgage do not change?
a. payments on the loan
b. interest rate
c. terms
d. all of the above
27. A point is a value equal to $\qquad$ of a mortgage loan.
a. 1 percent
b. 2 percent
c. 5 percent
d. 10 percent
28. A reverse mortgage is repaid
a. over the term of the loan, typically 30 years
b. in one single large payment at a specified point
c. when the borrower dies
d. by the bank to the borrower
29. Generally speaking, housing costs should not exceed $\qquad$ of gross monthly income.
a. 10 to 15 percent
b. 25 to 28 percent
c. 36 to 40 percent
d. 50 percent
30. Which of the following types of lending account for the largest dollar market?
a. commercial lending
b. consumer lending
c. mortgage lending
d. government lending
31. Which of the following type of business loan is often packaged with a real estate loan?
a. equipment loan
b. construction loan
c. operations loan
d. automobile loan
32. Which of the following is an approved use of an SBA-backed loan?
a. to pay delinquent taxes
b. to purchase new equipment
c. to pay existing debt
d. to finance floor plan needs
33. The demand for a given currency will be strong if all of the following factors are present EXCEPT
a. Iow inflation
b. low interest rates
c. a positive trade balance
d. a strong economic forecast
34. The type of business insurance that pays for medical care and physical rehabilitation of workers injured on the job is called
a. workers' compensation
b. short-term disability
c. commercial liability
d. long-term liability
35. Which of the following retirement products allow employees to make tax-deferred contributions, which are often matched by the company, to a trust?
a. traditional IRA
b. variable annuity
c. 401 (k) plan
d. Roth IRA

## Problems

Use the space provided below each problem to compute your answer. Circle your answer.

1. Angie's savings account pays simple interest. She began with a deposit of $\$ 2000$; at the end of one year, she had earned $\$ 80$ in interest. Find the interest rate on the account.
2. This morning, Clarissa had a balance in her checking account of $\$ 1265.98$. She wrote three checks: one to the baker for $\$ 58$, one to the florist for $\$ 29$, and one to her mother for $\$ 500$. She also took her $\$ 750$ paycheck to the bank and deposited two-thirds of it into her account; the other one third she took as cash. What is her account balance at the end of the day?
3. Suppose you borrow $\$ 1,050$ and pay the loan back in 12 equal payments of $\$ 96.50$. What is the finance charge for this loan?
4. What is the value of 2 points on a mortgage loan of $\$ 100,000$ ?
5. Four years ago, Mavis and Lester purchased a $\$ 200,000$ home with $\$ 25,000$ down. The remaining principal on the home is $\$ 155,000$. Suppose the home has appreciated in value during that time to $\$ 245,000$. Find Mavis and Lester's equity in the home.
6. The value of one U.S. dollar equals 0.752 Euros. What would 250 Euros be worth, converted into U.S. dollars? (Round answer to nearest cent)


# BANKING \& FINANCE 

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## KEY

Total Points

## Judges/Graders:

Please double-check and verify all scores!

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## Multiple Choice.

1. C
2. A
3. C
4. A
5. A
6. C
7. A
8. B
9. C
10. D
11. C
12. B
13. B
14. D
15. A
16. B
17. C
18. A
19. D
20. C
21. D
22. A
23. B
24. B
25. A
26. D
27. A
28. C
29. B
30. A
31. B
32. B
33. B
34. A
35. C


## Short Problems.

1. Angie's savings account pays simple interest. She began with a deposit of $\$ 2000$; at the end of one year, she had earned $\$ 80$ in interest. Find the interest rate on the account.
$80 / 2000$
2. This morning, Clarissa had a balance in her checking account of $\$ 1265.98$. She wrote three checks: one to the baker for $\$ 58$, one to the florist for $\$ 29$, and one to her mother for $\$ 500$. She also took her $\$ 750$ paycheck to the bank and deposited two-thirds of it into her account; the other one-third she took as cash. What is her account balance at the end of the day?
$\$ 1,178.98$
$1265.98-(58+29+500)+750 \times 2 / 3$
3. Suppose you borrow $\$ 1,050$ and pay the loan back in 12 equal payments of $\$ 96.50$. What is the finance charge for this loan?
$\$ 108$
$12 \times 96.50-1050$
4. What is the value of 2 points on a mortgage loan of $\$ 100,000$ ?
\$2,000
$100000 \times 2 \%$

5. Four years ago, Mavis and Lester purchased a $\$ 200,000$ home with $\$ 25,000$ down. The remaining principal on the home is $\$ 155,000$. Suppose the home has appreciated in value during that time to $\$ 245,000$. Find Mavis and Lester's equity in the home.
\$90,000
245000-155000
6. The value of one U.S. dollar equals 0.752 Euros. What would 250 Euros be worth, converted into U.S. dollars? (Round answer to nearest two decimal places.)
$\$ 332.45$
250 / 0.752
