

# 東吳大學 106 學年度轉學生(含進修學士班轉學生)招生考試試題

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系級	商學(進修學士班)三年級	考試時間	100 分鐘
科目	會計學	本科總分	100 分

**注意事項：**

1. 計算題請詳列計算過程，否則不予計分。如有無法整除之情形，請四捨五入至小數點後第二位。
2. 一律作答於所附之「招生考試答案卷」上，並務必標明題號，依序作答。若於試題卷上作答者，一律不予計分。

一、選擇題（共 28 分，每題 2 分）

請在答案卷上畫下列表格，並依序填入答案

1.	2.	3.	4.	5.	6.	7.
8.	9.	10.	11.	12.	13.	14.

1. Given the following account balances at year end, compute the total intangible assets on the balance sheet of Kepler Enterprises.
 

Cash	\$1,650,000
Accounts Receivable	4,400,000
Trademarks	1,100,000
Goodwill	3,850,000
Research Costs	2,200,000

  - A. \$11,550,000
  - B. \$9,350,000
  - C. \$7,150,000
  - D. \$4,950,000
2. A company exchanges its old office equipment and \$50,000 for new car. The old office equipment has a book value of \$32,000 and a fair value of \$20,000 on the date of the exchange. The cost of the new office car would be recorded at
  - A. \$52,000.
  - B. \$70,000.
  - C. \$82,000.
  - D. \$102,000.
3. Cribbets Company uses the direct method in determining net cash provided by operating activities. During the year, operating expenses (excluding depreciation expenses) were \$300,000, prepaid expenses increased \$40,000, and accrued expenses payable decreased \$20,000. Cash payments for operating expenses were
  - A. \$340,000.
  - B. \$320,000.
  - C. \$260,000.
  - D. \$240,000.
4. Huang Company owns 15,000 of the 50,000 outstanding ordinary shares of Xi Inc. The balance in the investment account at January 1, 2017 was \$500,000. During 2017, Xi earned \$960,000 and paid cash dividends of \$768,000. Huang should report investment revenue for 2017 of
  - A. \$288,000.
  - B. \$230,400.
  - C. \$57,600.
  - D. \$0.
5. Nagen Company had these transactions pertaining to share investments:
  - Feb. 1 Purchased 2,500 shares of Horton Company (10%) for \$42,000 cash.
  - June 1 Received cash dividends of \$2 per share on Horton shares.
 The entry to record the receipt of the dividends on June 1 would include a
  - A. debit to Share Investments for \$5,000.
  - B. debit to Dividend Revenue for \$5,000.
  - C. credit to Dividend Revenue for \$5,000.
  - D. credit to Share Investments for \$5,000.

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6. When an interest-bearing note matures, the balance in the Notes Payable account is
- equal to the total amount repaid by the borrower.
  - less than the total amount repaid by the borrower.
  - greater than the total amount repaid by the borrower.
  - the difference between the maturity value of the note and the face value of the note.
7. If the market interest rate is greater than the contractual interest rate, bonds will sell
- at a premium.
  - at face value.
  - at a discount.
  - cannot be determined.
8. On January 1, 2017, Milton Company purchased at face value, a \$1,000, 8% bond that pays interest on April 1 and October 1. Milton Company has a calendar year end. The adjusting entry on December 31, 2017, is
- Interest Receivable 40  
Interest Revenue 40
  - Cash 40  
Interest Revenue 40
  - Interest Receivable 20  
Interest Revenue 20
  - Interest Receivable 20  
Debt Investments 20
9. Jahnke Corporation issued 10,000 shares of \$2 par value ordinary shares for \$10 per share. The journal entry to record the sale will include
- a debit to Cash for \$20,000.
  - a credit to Retained Earnings for \$20,000.
  - a credit to Share Premium—Ordinary for \$80,000.
  - a credit to Share Capital—Ordinary for \$100,000.
10. The following data is available for BOX Corporation at December 31, 2017:
- |  |           |
|--|-----------|
| Ordinary shares, par \$10 (authorized 35,000 shares) | \$250,000 |
| Treasury shares (at cost \$15 per share)             | 9,000     |
- Based on the data, how many ordinary shares are outstanding?
- 24,100
  - 24,400
  - 25,000
  - 35,000
11. On January 1, 2017, Donahue Company, a calendar-year company, issued \$900,000 of notes payable, of which \$180,000 is due on January 1 for each of the next five years. The proper statement of financial position presentation on December 31, 2017, is
- Current Liabilities, \$900,000.
  - Non-current Liabilities \$900,000.
  - Current Liabilities, \$180,000; Non-current Liabilities, \$720,000.
  - Current Liabilities, \$720,000; Non-current Liabilities, \$180,000.
12. Chang Company retired bonds with a face amount of \$120,000 at 98 when the carrying value of the bond was \$119,560. The entry to record the retirement would include a
- loss on bond redemption of \$440.
  - gain on bond redemption of \$1,960.
  - gain on bond redemption of \$2,000.
  - loss on bond redemption of \$2,400.
13. An aging of a company's accounts receivable indicates that \$8,000 are estimated to be uncollectible. If Allowance for Doubtful Accounts has a \$1,500 credit balance, the adjustment to record bad debts for the period will require a
- debit to Bad Debt Expense for \$6,500.
  - debit to Bad Debt Expense for \$8,000.
  - debit to Allowance for Doubtful Accounts for \$6,500.
  - credit to Allowance for Doubtful Accounts for \$8,000.

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14. Stan's Market recorded the following events involving a recent purchase of merchandise:

Received goods for \$20,000, terms 2/10, n/30.

Returned \$500 of the shipment for credit.

Paid \$100 freight on the shipment.

Paid the invoice within the discount period.

As a result of these events, the company's inventory

A. increased by \$19,000.

B. increased by \$19,012.

C. increased by \$19,210.

D. increased by \$19,600.

二、12%

King Company sells many products. Whao is one of its popular items. Below is an analysis of the inventory purchases and sales of Whao for the month of March. King Company uses the periodic inventory system.

		Purchases		Sales	
		Units	Unit Cost	Units	Selling Price/Unit
3/1	Beginning inventory	200	\$40		
3/3	Purchase	120	\$50		
3/4	Sales			140	\$80
3/10	Purchase	400	\$55		
3/16	Sales			160	\$90
3/19	Sales			120	\$90
3/25	Sales			140	\$90
3/30	Purchase	80	\$60		

**Instructions**

- Using the FIFO assumption, calculate the amount charged to cost of goods sold for March.
- Using the weighted average method, calculate (1) . the amount assigned to the inventory on hand on March 31 ; (2) . the gross profit for March.
- Using the LIFO assumption, calculate the amount assigned to the inventory on hand on March 31.

三、12%

Marsh Company purchased equipment on January 1, 2016 for \$100,000. It is estimated that the equipment will have a \$10,000 residual value at the end of its 5-year useful life. It is also estimated that the equipment will produce 100,000 units over its 5-year life.

**Instructions**

Answer the following independent questions.

- Compute the amount of depreciation expense for the year ended December 31, 2016, using the straight-line method of depreciation.
- If 15,000 units of product are produced in 2016 and 22,000 units are produced in 2017, what is the book value of the equipment at December 31, 2017? The company uses the units-of-activity depreciation method.
- If the company uses the double-declining-balance method of depreciation, what is the balance of the Accumulated Depreciation—Equipment account at December 31, 2017?
- Compute the amount of depreciation expense for the year ended December 31, 2016, using the sum-of-the-years'-digits method of depreciation.

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四、12%

The following information is available for Greer Corporation for the year ended December 31, 2017:

Collection of principal on non-current loan to a supplier	\$18,000
Acquisition of equipment for cash	12,000
Proceeds from the sale of long-term investment at book value	25,000
Issuance of ordinary shares for cash	23,000
Depreciation expense	30,000
Redemption of bonds payable at carrying (book) value	20,000
Payment of cash dividends	15,000
Net income	35,000
Purchase of land by issuing bonds payable	45,000

In addition, the following information is available from the comparative statement of financial position for Greer at the end of 2016 and 2017:

	<u>2017</u>	<u>2016</u>
Prepaid insurance	\$20,000	\$13,000
Accounts receivable (net)	24,000	15,000
Accounts payable	23,000	19,000
Salaries and wages payable	5,000	7,000

**Instructions**

1. Calculate the net cash provided (used) by operating activities using the indirect method.
2. Calculate the net cash provided (used) by investing activities.
3. Calculate the net cash provided (used) by financing activities.
4. Calculate the free cash flow.

五、12%

Selected comparative statement data for William Products Company are presented below. All statement of financial position data are as of December 31.

	<u>2017</u>	<u>2016</u>
Net sales	\$924,000	\$864,000
Cost of goods sold	480,000	510,000
Net income	73,920	64,550
Accounts receivable	144,000	120,000
Inventory	102,000	90,000
Total assets	720,000	600,000
Total shareholders' equity	504,000	400,000

**Instructions**

Compute the following ratios for 2017:

1. Days in inventory.
2. Profit margin.
3. Asset turnover.
4. Debt to total assets ratio.

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六、9%

Sherry Inc. is considering two alternatives to finance its construction of a new \$4 million plant.

- (a) Issuance of 400,000 ordinary shares at the market price of \$10 per share.  
 (b) Issuance of \$4 million, 8% bonds at par.

**Instructions**

Complete the following table. (請將下列表格抄寫於答案卷上，並作答)

	<u>Issue Shares</u>	<u>Issue Bonds</u>
Income before interest and taxes	\$2,000,000	\$2,000,000
Interest expense from bonds		
Income tax expense (income tax rate: 25%)	_____	_____
Net income	\$ _____	\$ _____
Outstanding shares	_____	600,000
Earnings per share	\$ _____	\$ _____

七、9%

Lake Boat Company's bank statement for the month of September showed a balance per bank of \$7,000. Other information is as follows:

- In September, deposits per the bank statement totaled \$59,400; deposits per books \$55,500; and deposits in transit at September 30 were \$3,750.
- In September, cash disbursements per books were \$53,250; checks clearing the bank were \$56,700; and outstanding checks at September 30 were \$6,750.

There were no bank debit or credit memoranda and no errors were made by either the bank or Lake Boat Company.

**Instructions**

- What were the deposits in transit at August 31?
- What were the outstanding checks at August 31?
- What was the adjusted cash balance at September 30?

八、6%

Dan Moran is a new accountant with Tabor Company. Tabor purchased merchandise on account for \$6,000. The credit terms are 2/10, n/30. Dan has talked with the company's banker and knows that he could earn 6% on any money invested in the company's savings account.

**Instructions**

- Should Dan pay the invoice within the discount period or should he keep the \$6,000 in the savings account and pay at the end of the credit period? Support your recommendation with a calculation showing which action would be best.
- If Dan forgoes the discount, it may be viewed as paying an interest rate of 2% for the use of \$6,000 for 20 days. Calculate the annual rate of interest that this is equivalent to.