

## 東海大學 104 學年度碩士班招生入學考試試題

考試科目：會計學      應考系所：會計系乙組      課目代碼：43222  
考試時間：104 年 03 月 08 日第二節      使用計算機：可      共 4 頁，第 1 頁  
(作答前請先檢查試題頁數、頁次如有缺損或印刷不清者，應即舉手請監試人員處理，繳卷時試題需繳回)

一、The following information is available for Tunghai Company:

- **The May 2014 bank statement showed the following:**

Balance, May 1	\$30,751
Canceled checks	13,904
Deposits	26,489
Interest earned by Tunghai	356
Bank service charge	96
Balance, May 31	43,596
- **Tunghai Company's cash accounts showed the following for May:**

Balance, May 1	\$28,965
Debits	32,700
Credits	22,880
Balance, May 31	38,785
- Outstanding checks totaled \$19,100.
- Deposits in transit totaled \$8,000.
- The bank statement reveals that Tunghai Company's account has been reduced by \$9,099. The company had deposited a \$9,099 check from one of its customers, which was subsequently returned to Tunghai's bank and marked "Not Sufficient Funds."
- The bank collected an \$2,800 note for Tunghai Company. The company was not aware of the collection until receiving the bank statement.

**Required:** Prepare a bank reconciliation for May 31, 2014. (17%)

二、The following data are available for Time Company:

	<u>Year 1</u>	<u>Year 2</u>
Sales	\$900,000	1,000,000
Beginning inventory	\$ 180,000	\$ ?
Purchases	?	360,000
Cost of goods available for sale	480,000	?
Ending inventory	120,000	100,000
Cost of goods sold	?	?

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### Required: (10%)

Based on these data, answer the following two independent questions:

- If ending inventory in year 1 is understated by \$5,000, how much is total cost of goods sold for the two years combined (correct)?
- If beginning inventory in year 2 is understated by \$15,000, how much is sales margin (correct) in year 2?

三、Indicate whether the following independent expenditures should be capitalized or expensed. Explain your answers. (12%)

- Apple Company spent \$15 million on new equipment. The equipment has an estimated useful life of 2 years.
- Htc Corporation spent \$25 million researching a new production process. The company expects to reduce operating costs significantly when the result of the research is implemented next year.
- King Company has spent \$20 million creating a targeted advertising campaign that will motivate regular customers of the company's on-line service to buy new tables.
- Hope.com.tw is paying \$1,400,000 for newspaper advertising on its new product line. The company expects the ad will generate increased sales for the next 2 years.

四、On May 1, 2012, Rose Inc. purchased an equipment at a cost of \$560,000. The equipment has an estimated salvage value of \$12,000 and is being depreciated over an estimated life of six years. The company's policy is to recognize depreciation to the nearest whole month.

### Required: (15%)

Compute the depreciation expense (rounded to the nearest dollar) on this equipment for the years ended December 31, 2012 and 2015, using

- Double-declining-balance
- Sum-of-the-years'-digits
- Straight line

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五、On April 1, 2013, Jack Corporation issued \$500,000 of 10 percent, 5-year bonds at a yield of 12 percent compounded semiannually. Interest is payable on April 1 and October 1 of each year. The corporation is a calendar-year corporation. Bond premiums and discounts are amortized on interest-paying dates and at year-end.

### Required: (15%)

1. Determine the issue price of the bonds. Show your computations. (Round to the nearest dollar.) ( $n=10$ ,  $i=6\%$ , present value=0.5584 ; annuity present value=7.3601)
2. Prepare an amortization table through the first three interest periods using the effective-interest method. (Round to the nearest dollar.)
3. Prepare the journal entries to record bond-related transactions on the following dates (Round to the nearest dollar.):
  - a. April 1, 2013
  - b. October 1, 2013
  - c. December 31, 2013

### 六、Provide the necessary journal entries to record the following: (16%)

- a. Dickson Corporation was granted a charter authorizing the issuance of 1,600,000 shares of \$10 par value common stock.
- b. The company issued 300,000 shares of common stock at a price of \$12 per share.
- c. The company reacquired 8,000 shares of its own stock at \$14 per share, to be held in treasury.
- d. Another 4,000 shares were reacquired at \$16 per share.
- e. Of the shares reacquired in (c), 1,500 were reissued for \$18 per share.
- f. Of the shares reacquired in (d), 1,000 were reissued at \$12.8 per share.

### 七、The financial statements of Girard Company reflect the following data:

Sales	\$4,000,000	Beginning Inventory	\$128,000
Cost of Goods Sold	2,400,000	Ending Inventory	134,000
Beginning Accounts Receivable	672,000	Beginning Property, Plant, and Equipment	310,400
Ending Accounts Receivable	644,000	Ending Property, Plant, and Equipment	312,000

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### Required: (15%)

Using the above information, compute the following ratios (round to two decimal places):

- a. Accounts receivable turnover
- b. Average collection period for accounts receivable
- c. Inventory turnover
- d. Number of days' sales in inventory
- e. Fixed asset turnover