

國立彰化師範大學 98 學年度碩士班招生考試試題

系所：會計學系

科目：會計學(含中級會計學)

☆☆請在答案紙上作答☆☆

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PART I. 選擇題：(每題 4 分，共 20 分)

1. On March 1, 2007, Dennis Company purchased land for an office site by paying \$540,000 cash. Dennis began construction on the office building on March 1. The following expenditures were incurred for construction:

<u>Date</u>	<u>Expenditures</u>
March 1, 2007	\$480,000
April 1, 2007	504,000
May 1, 2007	900,000
June 1, 2007	1,440,000

The office was completed and ready for occupancy on July 1. To help pay for construction, \$720,000 was borrowed on March 1, 2007 on a 9%, 3-year note payable. Other than the construction note, the only debt outstanding during 2007 was a \$300,000, 12%, 6-year note payable dated January 1, 2007. The amount of interest cost to be capitalized during 2007 is ?

- a. \$67,620. b. \$82,800. c. \$90,000. d. \$100,800. e. \$66,720.**
2. During 2008, Hogan Company earned net income of \$384,000 which included depreciation expense of \$78,000. In addition, the company experienced the following changes in the account balances listed below:

<u>Increases</u>		<u>Decreases</u>	
Accounts payable	\$45,000	Accounts receivable	\$12,000
Inventory	36,000	Accrued liabilities	24,000
		Prepaid insurance	33,000

Based upon this information what amount will be shown for net cash provided by operating activities for 2008?

- a. \$492,000. b. \$465,000. c. \$285,000. d. \$267,000. e. \$540,000.**
3. On January 1, 2007, Magee Corp. purchased 40% of the voting common stock of Reed, Inc. and appropriately accounts for its investment by the equity method. During 2007, Reed reported earnings of \$360,000 and paid dividends of \$120,000. Magee assumes that all of Reed's undistributed earnings will be distributed as dividends in future periods when the enacted tax rate will be 30%. Ignore the dividend-received deduction. Magee's current enacted income tax rate is 25%. The increase in Magee's deferred income tax liability for this temporary difference is
- a. \$72,000. b. \$60,000. c. \$43,200. d. \$28,800. e. \$32,000.**

4. Information concerning the capital structure of Simot Corporation is as follows:

	<u>December 31,</u>	
	<u>2007</u>	<u>2006</u>
Common stock	150,000 shares	150,000 shares
Convertible preferred stock	15,000 shares	15,000 shares
9% convertible bonds	\$2,400,000	\$2,400,000

During 2007, Simot paid dividends of \$1.20 per share on its common stock and \$3.00 per share on its preferred stock. The preferred stock is convertible into 30,000 shares of common stock. The 9% convertible bonds are convertible into 75,000 shares of common stock. The net income for the year ended December 31, 2007, was \$600,000. Assume that the income tax rate was 30%. What should be the diluted earnings per share for the year ended December 31, 2007, rounded to the nearest penny? **a. \$3.20. b. \$2.85. c. \$2.83. d. \$2.35. e. \$2.95.**

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5. On January 1, 2007, Garner Company sold property to Agler Company which originally cost Garner \$760,000. There was no established exchange price for this property. Agler gave Garner a \$1,200,000 zero-interest-bearing note payable in three equal annual installments of \$400,000 with the first payment due December 31, 2007. The note has no ready market. The prevailing rate of interest for a note of this type is 10%. The present value of a \$1,200,000 note payable in three equal annual installments of \$400,000 at a 10% rate of interest is \$994,800. What is the amount of interest income that should be recognized by Garner in 2007, using the effective-interest method?
- a. \$0. b. \$40,000. c. \$120,000. d. \$99,480. e. \$98,200.

PART II. 非選擇題(共 80 分)

1. Eckert, Inc. on January 1, 2008 initiated a noncontributory, defined-benefit pension plan that grants benefits to its 100 employees for services rendered in years prior to the adoption of the pension plan. The total expected service-years of the 100 employees who are expected to receive benefits under the plan is 1,200. An actuarial consulting firm has indicated that the present value of the projected benefit obligation on January 1, 2008 was \$5,040,000. On December 31, 2008 the following information was provided concerning the pension plan's operations for its first year.

Employer's contribution at end of year	\$1,600,000
Service cost	600,000
Accumulated benefit obligation	5,090,000
Projected benefit obligation	6,000,000
Plan assets (at fair value)	1,600,000
Market-related asset value	1,600,000
Expected return on plan assets	9%
Settlement rate	8%

Questions: (20 分)

- (1) What is the prior service cost at January 1, 2008?
 - (2) Compute the pension expense recognized in 2008. Assume the prior service cost is amortized over the average remaining service life of the employees.
 - (3) Prepare the journal entries to reflect accounting for the company's pension plan for the year ended December 31, 2008.
 - (4) Indicate the amounts that are reported on the income statement and the balance sheet for 2008.
2. 彰化公司於 08 年 1 月 1 日以 \$102,290 美元購入美國 ABC 公司所發行的 5 年期公司債，面額為 \$100,000 美元，票面利率 3.5%，每年 12 月 31 日付息，彰化公司將其指定為備供出售金融資產。08 年 12 月 31 日該公司債市價為 101.5。美元與新台幣的相關匯率為：
- 08/1/1 匯率 NT\$31.5 / US\$1
08 年平均匯率 NT\$32.5 / US\$1
08/12/31 匯率 NT\$33.5 / US\$1
- 試作彰化公司 08 年相關分錄?(20 分)
3. 彰化公司 2005 年底評估其某機器設備之使用狀況，評估結果顯示該機器設備價值可能有減損之情況，經蒐集該機器設備相關資訊後，發現該機器設備的可回收金額為 2,000,000，而機器設備當時帳面顯示其成本為 6,000,000，累計折舊為 3,000,000，剩餘耐用年數為四年，並採直線法提列折舊，無殘值。彰化公司欲繼續使用該機器。試作：(10 分)

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- (1) 若機器並未曾辦理過重估增值時，2005 年底有關該機器設備價值減損的調整分錄。
- (2) 若該機器設備曾經辦理過重估增值，其股東權益中尚有未實現資產重估增值 500,000，2005 年底有關該機器設備價值減損的調整分錄。
4. 延續上題，2006 年底時彰化公司評估該機器設備因使用方法的重大改變，使得其估計可回收金額為 3,000,000。試作：(10 分)
- (1) 若機器並未曾辦理過重估增值時，2006 年底有關該機器設備價值減損的調整分錄。
- (2) 若機器曾辦理過重估增值時，2006 年底有關該機器設備價值減損的調整分錄。
5. 大華公司於 2003 年底以 900,000 取得金明公司的 70% 股權，取得當日金明公司股東權益包括股本 600,000 以及保留盈餘 300,000，投資成本與股權淨值之差額係因未入帳之專利權所導致，該專利權之效益年限為 10 年(採直線法攤銷)。金明公司 2004 年的淨利為 200,000，而 2005 年的淨利為 182,600。而大華公司與金明公司彼此間的交易如下：
- (1) 大華公司於 2004 年 12 月 31 日將成本 60,000 之機器設備以 70,000 之價格出售給金明公司，出售後該設備預計仍然可以使用 5 年，金明公司全年採直線法提列折舊。
- (2) 大華公司均以成本加價三成的方式銷售商品給金明公司，金明公司 2005 年期初存貨與期末存貨中分別有 15,600 以及 17,550 購自大華公司。
- (3) 大華公司在 2005 年 1 月 1 日以 49,000 購入金明公司發行面額 50,000、票面利率 12% 之公司債，當時該公司債之帳面價值為 54,000，到期日為 2009 年 12 月 31 日。(假設大華公司與金明公司均以直線法攤銷公司債的折溢價)
- 大華公司對金明公司之投資原本採用不完全權益法處理(未攤銷投資成本與股權淨值間之差額，亦未調整公司間交易之未實現損益)，若在 2005 年底將不完全權益法改變成完全權益法時，則大華公司 2005 年底投資金明公司以及投資金明公司收益兩個會計科目的金額將分別增加或是減少多少?(14 分)
6. Panda Corporation acquired 75% interest in Seek Corporation at book value during 2003, when the fair value of Seek's asset and liabilities were equal to their recorded book values. Seek's net income for 2006 is 400,000. Some additional information as followings:
- (1) Panda Corporation uses the equity method of accounting for its investment in Seek.
- (2) Intercompany sales of merchandise totaled 300,000 during 2006. All intercompany balances have been paid except for 40,000 in transit from Seek to Panda at December 31, 2006.
- (3) Unrealized profits in Seek's inventory of merchandise purchased from Panda were 34,000 on December 31, 2005, and 40,000 on December 31, 2006.
- (4) Seek sold equipment with an eight-year remaining life to Panda on January 3, 2004, at a gain of 48,000. Panda still uses the equipment in its operations.
- (5) Panda sold land to Seek on July 1, 2006, at a gain of 40,000.
- (6) Panda sold a building to Seek on July 1, 2006, at a gain of 40,000. The building has a 5-year remaining life and is still used by Seek.
- (7) Seek purchased 200,000 par value of Panda's 10% bonds in the open market for 180,000 plus 10,000 accrued interest on December 31, 2006. Panda sold 400,000 par of 10% bonds to the public at par value. Interest is paid semiannually on January 1 and July 1. The bonds mature on December 31, 2011.

Required:

Calculate the amount of investment income from Seek for the year 2006. (6 分)