

大同大學 九十 學年度研究所碩士班入學考試試題

考試科目：會計學

所別：事業經營研究所

第 1/2 頁

註：本次考試 不可以 參考自己的書籍及筆記； 不可以 使用字典； 不可以 使用計算器。

1. For a capital budgeting project, its annual cash flows are estimated using the following popular formula:

$$\begin{aligned} \text{Cash flows} &= \text{Net operating income after taxes} + \text{Depreciation expense} \\ &= \text{Net income after taxes} + \text{Depreciation expense} + \text{Interest expense after taxes} \end{aligned}$$

Why should depreciation expense and interest expense after taxes be **added back**, respectively, to find periodic cash flows? (10%)

2. What is the **lower of cost or market (LCM)** to evaluate inventories of a firm? What is the rationale behind this practice? Do you think LCM is a good idea to reflect the real market values of inventories under current industry situations? And why? (15%)

3. What are **intangible assets**? Under current valuation mechanism of financial accounting, how are their book/carrying values determined? If you are an investor reading these accounting figures, how do you make your investment decisions? (15%)

4. What is **accelerated depreciation**? For a machinery equipment with the following original data,

Original cost \$ 8,100,000 (acquired at the beginning of 2001)
Economic life 4 years
Salvage value \$ 100,000

use (1) the sum-of-the-years' digits method,
(2) the fixed-rate-declining-balance method, and
(3) the double-rate-declining balance method
to calculate depreciation expense for each year, and then using the calculated results from one of the methods you prefer to complete the following **Depreciation Table**:

Year	Beginning Book Balance	Depreciation Rate	Depreciation Expense	Ending Book Balance
2001	8,100,000			
2002				
2003				
2004				
Total	---	---		---

3.
5.
2.
5.

8199000 - 20

8100000
2700000
4540000
1800000
3660000

2700000
1800000
2000000

1000000
5100000

8000000 x 4/10 = 3200000
8100000 - 3200000 = 4860000

8100000
3200000
4860000
2400000
2500000
1600000
900000

(20%)

1012500
1000000
912500
1855371

續次頁

2916
3710
3645
650
405
2450
2430
200

4050
28100
810
2025
24050
4050
10125
27000
20250
506250
1012500
101250

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5. Evaluate the following cases:

- 0-18 (1) The **overhead** occurred by the Procurement/Purchasing Division is **allocated** on the bases of actual purchasing dollar amounts for each unit summed up during period. *批發單據* *batch-level*
 (Hint: Activity-based costing oriented)
- (2) The **performance** of a divisional manager has wholly been **evaluated** based on the return on investments realized of his division. *分. 內. 子.*
 (Hint: Balanced scorecard oriented) (20%)

6. Do you have any idea about **accounts receivable management** and **inventory management**? *A/R* *存貨*
 (Hint: Any aspects you deem important are the areas you may deliver your opinions. However, some financial ratios, among others, had better be incorporated into your opinion.) (20%)

$$\begin{array}{r} 8150 \\ 4050 \\ 7075 \\ 1017.5 \\ \hline 15187.5 \end{array}$$

$$\begin{array}{r} 4050 \\ 7075 \\ 1017.5 \\ 912.5 \\ \hline 8000.0 \end{array}$$

$$\begin{array}{r} 4050 \\ 7075 \\ 1017.5 \\ 100 \\ \hline 7187.5 \end{array}$$

$1 + \frac{1}{2} = \frac{3}{2}$

35	26	38	49
18	45	36	34
22	32	43	43
49	43	34	43
41	33	50	34
40	48	38	
24	35		
52	24	10	
53	8	11	

33
412