國立政治大學 學年度碩士班招生者試試題 104

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考	試	科	且	財務管理	1>2B	所	別	金融學系/財務工程組	考	試	時間	2)	₹ 28	日(六	*)第	一節
I.		Exp	lain	the follow	ving terms l	briefly (24	points, each 4 points)								
1.	Ma	ajorit	y v	oting												
2.	Ad	ditio	nal	paid-in ca	pital											
3.	Flo	ating	g-ra	te preferre	d stock											
4.	CA	PM										•				
5.	Un	ique	risk	XS.												
6.	Cy	clica	l sto	ocks												
П.		Con	ıpu	tational Q	uestion (30	points,	eac	ch 6 points)								
2.	trac of c	les for debt and the debt and	or \$ to v	3.00 per stalue for W	hare. It also VACC purpo mate to be the	has \$2 oses? he requi	mi	on stock outstanding at a billion in face value of debillion in face value of return for equity of grow at a constant rate of	that	esto	ades a	it 9 0%	of p	ar. W	hat is	its rat
3.					firm is equiequired retu			ed if the WACC is 14%, the ity is 18%?	the a	fter-	tax c	ost of	debt	is 7.0	%, th	e tax
1								her p <mark>o</mark> rtfolio with beta o what return will now be							premi	um
5.	Wha	it ret	urn	should be	expected fr	om inve	esti	ing in the market portfolio	io tha	at is	exne	cted to	viel	d 18%	% if th	ne
1					-	1		plus 30% of additional fur			_		-			
III				•	stions (12 p	_		• /						a	_	
ı						•		ederal government, debt h have much larger debt co				-				

2. Why does diversification reduce risk?

國立政治大學 104 學年度碩士班招生考試試題

第2頁,共2頁

考試科目財務管理 所 別金融學系/財務工程組 考試時間 2 月 28 日(六) 第一節 4/1 > 2 号

IV. Questions (34 points)

1. Calculate the nominal return (4 points), real return (4 points), and risk premium (5 points) for the following common stock investment:

Purchase price

\$60.00 per share

Dividend

\$3.50 per year

Sales price

\$73.00 per share

Treasury bill yield

8.5%

Inflation rate

7.5%

- 2. Show the breakdown of stock price between a firm's assets that are already in place (5 points) and its present value of growth opportunities (5 points), assuming: next year's expected earnings equal \$5.00, 13% required rate of return, 17% return on equity, and 45% plowback ratio.
- 3. a. Calculate the net present value of the following project for discount rates of 0, 50, and 100% (6 points):

C ₀	C ₁	\mathbf{C}_2				
\$ (6,750.00)	+ \$ 4,500.00	+ \$18,000.00				

b. What is the IRR of the project (5 points)?

Discount rate-1	0.00%
Discount rate-2	50.00%
Discount rate-3	100.00%

註

一、作答於試題上者,不予計分。

二、試題請隨卷繳交。