

	Distribution an contribut
1.	Which of the following is a source of unsystematic risk?
	A. Interest rates \(\frac{1}{2} \) B. Business cycle C. Energy Prices D. Introduction of a bad product
2.	The is the compound annual rate of interest earned on a debt security purchased on a given date and held to maturity.
	A. Risk premium B. Yield curve C. Risk-free rate D. Yield to maturity (
4	A. Sum of all future cash flows it is expected to provide over the relevant time period B. Sum of the present values of all future cash flows it is expected to provide over the relevant time period C. Present value of the sum of all future cash flows it is expected to provide over the relevant time period D. Sum of all compounded future cash flows it is expected to provide over the relevant time period Consistent with capital market theory, systematic risk: Un pivelscotion Confident
4.	Refers to the variability in all risky assets caused by macroeconomic and other
111	aggregate market-related variables. Is measured by the coefficient of variation of returns on the market portfolio.
	A. I only B. II only C I and III only D. II and III only
5.	An investor is considering adding another investment to a portfolio. To achieve the maximum diversification benefits, the investor should add an investment that has a correlation coefficient with the existing portfolio closest to:
	(A) -1.0 Pelle coly Degative B0.5 C. 0.0 D. +1.0

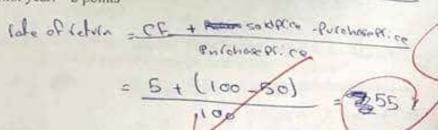
According to the CAPM, what is the rate Retween R and Re	of return of a word to the
A. Between R _m and R _f	Or retain of a portiono with a beta of 12
B. The risk-free rate, Rr	(= RF + \$ b(1m-RF)
C. Beta * (R _m - R _f)	1= 1/2+ PD D(1m-1/2)
(D) The return on the market, Rm	(= RE+ (m-CF)
D The return on the market, Ka	(= BE+ (Lw-(E)) 86.4(Lw-(B)
7. The inflation risk premium on a bond is	W. T.
7. The innation risk premium on the head is 2	2 percent, the U.S. T-bill rate is 5 percent, the
in 2 appearst and the liquidity side	percent, the default risk premium on the bond
is 2 percent, and the figuralty risk pref	nium on the bond is 1 percent. Calculate its
nominal rate of return.	-
TP4 b+6	RE TO D.
A. 16% IP + 5+6	1- AF + IP+RA 3+2+1.6
B. 1370	
O11%	2 + 2 +
D. 9%	(*)
	2+ 1P
8. A stock with a beta of 2 is total ab s	lope.
	275
A. Twice as risky as the average stock i	n the market
B) Will have twice the expected return a	
C. Will have twice the standard deviation	
 D. Will have twice the return as the risk 	-free rate. X V - € fext
	EVAD.
What is the expected return of a zero-bet	a security?
	200
A. Market rate of return.	= RC
B. Zero rate of return.	
C. Negative rate of return.	
D Risk-free rate of return.	
500	
	orium between the supply of savings and the
demand for investment funds.	Sup Idemand
(A.) Nominal	
(B) Real	
C. Risk-free x	
D. Inflationary x	
11. The term structure of interest rates is the	relationship between .
The standard galactic and the standard	
4 274	upon rate of the bonds
A. The present value of principal and co	inport rate of the bonds
B. The general expectation of inflation a	nd nominal rate of return for bonds
C. The general expectation of inflation a	nd real rate of return for bonds
(D.) The maturity and rate of return for bo	nds with similar level of risk
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	A C In Y

12. Assume the following returns and yields: U.S. T-bill = 8%, 5-year U.S. T-note = 7%, IBM common stock = 15%, IBM AAA Corporate Bond = 12% and 10-year U.S. Tbond = 6%. Based on this information, the shape of the yield curve is (A! Upward sloping B. Downward sloping C. Flat D. Normal 13. The shorter the amount of time until a bond's maturity, the more responsive is its market value to a given change in the required return. (A) FALSE B. TRUE is a restrictive provision in a bond indenture, providing for the systematic retirement of the bonds prior to their maturity. A. Conversion feature X B. Redemption clause x C Sinking-fund requirement D. Subordination clause means that subsequent creditors agree to wait until all claims of the are senior debt satisfied before having their claims satisfied. A. Security interest A (B.) Subordination 12 C. Sinking fund requirement D. Bond indenture

10

Essay Questions

 You buy Apple stock for \$50 a share. Apple's stock rises to \$100 the next year. If you receive \$5 during your holding period, what is your rate of return at the end of the first year. "2 points"



2. You are given the following estimates for Stock's A and B.

State of economy	Probability	Stock A(/- v)	Stock B
Poor	0.25	-5% - 5.75	-8% -8.5
Normal	0.5	8% -5.75	10% -8.5
Good	0.25	12% - 5.75	22% - 4.5

A. What are the expected returns for stock's A and B respectively? "3 points" T Stock(A) = (-51 +025)+(81 x05) +(121x075) = -1.55 + - 1 + 3 7 = 5.75% 7 Stock(B) = (-81. + 0.25) + (01. + 0.5) + (22. × 0.25) = -2 + 5 + 5.5 / B. What are the standard deviations for stock's A and B respectively? 4 points 5 0.2889 (r-r) (r-r) 0.0272 0.02250.6806 0.01155 -10 TS' 0,01125 0.0506 2.05% 6.25% 0.4556 6 = 5151 = 381/ C. Which stock is more risky? "3 points" Stock A is more 1. sky because of 6=3.81. butin b & 6 = 1.071 CVA = 3.8 . 0.66 P CVA'S tag highest CVB = 1.07 60.125 Than CUB = & Ais listy Mole.

7							
	3. The table be	low gives the am	ount invested ar	d betas for	r three stocks.		
	Stock	Amount Investe		Beta	7		
	GM IBM	\$10,000	0.25		91. 10.27		
	WMT	\$20,000	0.5	0.7	7.27.		
	A. Using the C.	APM, if the expe	ected return for	the market	is 9% and the	risk-free rate	
		is the expected r	lane a	- American	-	+	
	1.3	1117	(m-Re)	CIBO	10.2	1 (91-31)	
	VOGH :			17	13 - 3 / 40	1 (91-31)	
		= 37. 16		1.0	=7/2		(d
1000	B. What is the	beta for this po	refolio based on	the inves	ted amounts?	" 3 Points"	0/
	1	h				2	
A COLUMN		1.26)+(1.2	x 0.26) + (0.	TXO.	el.		
100	b = 0.	9				1	
			V	la de la companya de	e	2 Painter	
771	C. Using the C	CAPM, what is	the expected re	turn for ti	c portiono	2 ronus	1/
STATE IN	CAPM	7:	31. + 0.9	91 3	(1)	(V/
TELIPTE API			= 8.41.	7			
						t to its affi	orte to
	4. Facebook	plans to issue issue, Faceboo	new bonds to f	inance its	expansion p mpany of s	imilar risk wi	ith an
CEAN	price the	issue, Faceboo	nat has an 8 pe	rcent cou	pon rate hav	ing a maturity	of ten mually
h =10	vears This	s firm's bonds a	II C Current	- Februar	new bonds be	in order for u	e issue
5P= 1,090	for both bo	ar? What will l	be the current	yield of th	his bond? " 5	Points"	
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