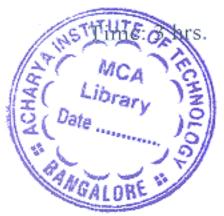
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Third Semester MBA Degree Examination, June/July 2025 Security Analysis and Portfolio Management

22MBAFM304

Max. Marks: 100



Note: 1. Answer any FOUR full questions from Q1 to Q7.
2. Question No.8 is compulsory.

3. M : Marks , L: Bloom's level , C: Course outcomes.

4. Use of PV tables permitted.

			190	According to the state of the s		M	L	CO
Q.1	a.	Differentiate in	vestment from spec	culation.		03	L2	CO1
	b.	Explain the for efficiency.	rms of market hyp	oothesis and the different to	ests of market	07	L2	CO3
	c.		Years 2022 2023 ortfolio made up o	Returns % M N 12 14 18 12 f 60% of M and 40% of N		10	L5	CO2
Q.2	a.	The equity sto dividend expect on this stock is is the expected),	L3	CO			
	b.	Describe the ir	07	L2	CO			
	c.	Consider the fether the market.	Y	on for three mutual funds A		10	L3	CO
			Mean return %	Standard deviation %	Beta			
		A	12	18	1.1			
		В	10	15	0.9			
	1	C Market	13	20	1.2			
			Steen 11	17	1.0			

			22M	BAF	M30
Q.3	a.	Explain efficient frontier.	03	L2	CO
	b.	Briefly explain the differences between fundamental and technical analysis.	07	L2	СО
	c.	The Evergreen investment company manages a stock fund consisting of four stocks with the following market values and betas.	10	L4	СО
		Stock Market value Beta Bell 2,00,000 1.16	7	* 48-30	ed gradd
		Sell 1,00,000 1.20 Grill 1,50,000 0.80		5	
		Shrill 50,000 0.50	1000	200	
		If the risk free rate of return is 9% and the market return is 15%, what is the portfolio's expected return?			
Q.4	a.	Explain breadth of market.	03	L2	СО
	b.	The market price of a Rs. 1000 par value bond carrying a coupon rate of		L3	СО
		14% and maturity after 5 years is Rs. 1050. What is the approximate YTM of this band? What will be the realized yield to maturity if the reinvestment rate is 12%?	O,	1.3	
	c.	Pioneer Ltd's earnings and dividend have been growing at a rate of 18% per annum. The growth rate is expected to continue for 4 years. After that the growth rate will fall to 12% for the next 4 years. Thereafter the growth rate is expected to be 6% forever. If the last dividend per share was Rs. 2.00 and the investors expected rate of return on equity is 15%. Determine the intrinsic value of share.	10	L5	CO
Q.5	a.	Differentiate money market and capital market.	03	L2	CO
	b.	Describe briefly the important investment avenues available to investors in India.	07	L2	CO
	c.	The following information is available. Stock A Stock B Expected return 16% 12%	10	L3	CO
		Standard deviation 15% 8% Coefficient of correlation 0.60			
		 i) What is the covariance between stock A and B? ii) What is the expected risk and return of a portfolio in which A and B have weight of 0.6 and 0.4. 			

Q.6	a.	Explain Japanese	03	L2	CO3					
	4.	, Explain Japanese Candiestick.								
	b.	Explain mutual fur	07	L2	CO4					
	c.	The following tab	10	L4	CO4					
		_	See .							
		Stock	Alpha	Systematic risk	Unsystematic risk	<u> </u>				
		A	-0.6	/5 V	4 🕰					
		В	0.10	2	6					
		С	0.00	3	1 %					
		D	-0.14	4 √ 3	2					
			the expec	ted return for a j	over a period with a portfolio consisting					
Q.7	a.	A's I td currently	navs a div	idend of Rs 45 pe	er share. The require	d rate of	03	L3	CO	
Q.7	a.	return is 18%. Cal			200					
	b.	Stock X and Y ha	4	07	L5	CO				
			Andrea							
			den.	X	Y					
			Retur		30	7				
			X	(variance) 16 riance XY 20	25					
		Is there any advar								
		15 there any advar	nage of no	amg a comomacic	A.S.					
	c.	Elaborate portfoli	o revision s	strategies.	**************************************		10	L2	CO	
		2/97			3					
		é			(*					
Q.8		CASE STUDY:		500,000						
		The return								
		given below:	Carried Land	A 1						
		State of	<u> </u>	Return on As	set 1 Return on A	sset 2				
		nature	Probabilit	y in %	in %					
		1	0.10	4 5	0					
		2	0.30	10	8					
		3	0.50	15	18					
		4	0.10	20	26					
			Ana						00	
		i) Determine th	ne expected	return on Asset 1	and 2		5	L5	CO	
		ii) Estimate the	5	L5	CO					
		iii) Evaluate a portfolio with a combination of Asset 1 and 2 in terms of return and risk. The portfolio is constructed with a weight of 60% is								
		30m. Z			cted with a weight o	f 60% is	10	L5	CO	
		Asset 1 and	40% in Ass	set 2.						
				* * * * *						