Total No. of Questions: 6

Total No. of Printed Pages:3

Enrollment No.....



Faculty of Management

End Sem (Odd) Examination Dec-2017

MS5EF02 Security Analysis & Portfolio Management Programme: MBA Branch/Specialisation: Management / Finance

Duration: 3 Hrs. Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

Q.1 (N	(ICQs)	should be writt	en in full instea	d of only a, b,	c or d.		
Q.1	i.	Which of the following is not a financial investment?				1	
		(a) Purchase of		(b) Purchase of	of bonds		
		(c) Purchase of		(d) Purchase of	of debentures		
	ii.	Liquidity risk			1		
		(a) Is risk investments bankers face					
		(b) Is lower for	or small OTC				
		(c) Is risk associated with secondary market transactions					
		(d) Increases whenever interest rates increases					
	iii.	Bondholders usually receive interest payments every			nts every	1	
		(a) 1 year	(b) 5 months	(c) 2 months	(d) 2 years		
	iv.	The value of Bond depend on				1	
		(a) The coupo	on rate	(b) Years to m	naturity		
		e					
	v.	A share whose	e market price	s more than its	intrinsic value is	1	
		considered as					
		(a) Underprice	ed	(b) Overpriced	d		
		(c) Fair price		(d) None of th	iese		
	vi.	As per candle stick chart if there are white candle stick then its				1	
		indication about price movement is					
		(a) Bullish	(b) Bearish	(c) Stagnant	(d) None of these		
	vii.	Capital Market Line is firstly initiated by				1	
		(a) Jensen	(b) Linter	(c) Markowitz	z (d) William Sharpe		

P.T.O.

	viii.	Markowitz model presumed generally investors are				
		(a) Risk averse (b) Risk natural				
		(c) Risk seekers (d) Risk moderate				
	ix.	Sharpe's measure is also known as				
		(a) Reward to variability (b) Reward to volatility	1			
		(c) Both (a) and (b) (d) None of these				
х.		Formula plan is related with				
		(a) Portfolio evaluation (b) Portfolio revision				
		(c) Both (a) and (b) (d) None of these				
Q.2	i.	Compare investment & speculation with example.				
	ii.	How risk & return are related? Explain systematic & non systematic risk briefly.				
OR	iii.	Calculate the variance & Standard deviation of returns from the given probability distribution of returns of an investment. Possible return% 8 10 11 12 14				
).15			
Q.3	i.	Describe bond immunization in brief.		4		
	ii.	Explain any three models used for valuation of equities.				
OR	iii.	(a) An investor purchased a bond for Rs. 1032.40 having par value Rs. 1000, coupon rate 12% and maturity period of four years. The interest payment is annual for which the first is yet to be received .What is the bond's yield-to-maturity (YTM)?(b) What is the value of preference share, where the dividend				
		rate is 18% on Rs. 100 par value? The discount r risk level is 15%.	ate of this			
Q.4	i.	Write a note on Industry life cycle.				
	ii.	Define fundamental analysis. What are its three components?				
		Explain briefly economic analysis.				
OR	iii.	Write short note:		6		
		(a) Company Analysis(b) Elliot wave theory				

Q.5		Attempt any two:				
	i.	What is Efficie market efficience	nt Market Hypothesis? E	xplain three fo	orms of	5
	ii.	What is Capital Market Line? Explain its use in calculating portfolio return.				
	iii.	Security A has beta of 0.75 while security B has beta of 1.45. Calculate the expected return for these securities using CAPM. Given that risk free rate is 5% and expected return of the market is 14%.				5
Q.6	i.	Explain portfolio performance evaluation technique.				4
	ii.	What is portfolio revision? Explain active and passive strategy to revise portfolio.				
OR	iii.	Compare the following two portfolio on the basis of Sharpe and Treynor ratio				
		Portfolio R	Leturn from the portfolio	Std. Dev.	Beta	
		A	10%	13%	0.4	
		В	20%	26%	3.0	
		Market portfolio	14%	18%	1.0	

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(1:)(c) s Rhome of can
(1:)(c) Is Rhome amociated with secondary manual transmission

(li') (a) 1 years

(iv) (d) Au of there

(V) (b) overtring.

(VI) (Bruinh

(VII) (C) manko vitz

(Visi) (9) Rim averse

(1x) (9) Reward to variability

(X) (b) Paratfelio Revision

(32(i) Invertment le speculation with Example. 2 mans each 70 tal 4 mans

2(11) Rive & Retm Employed = 2 months Systematic & Non System. Rive 4 months

1)

[6 males 9-2 (lii) Calculation of variance & std. Deviation (RI-ERI) (RI-ERI) MICHERI Robablery Retur (PJ) (Ri) 1.35 9 1.2 0.15 8 2 10 0.20 0.30 3.3 0.20 2.4 6.2 0.15 2.1 1.35 3.1. 20 Vovionie= Pjx/Ri-ERi] = 31. Std. Diviation = JPJX [R;-ERi] = 31 = 1.76

O: 3 (i) = Bond gromanization= 4 morns 3 (ii) = ony true prodel = 2 marmeach Total 6 morns

9.4(i) Indumy life cycle = 4 mounts

(11) fundamental Analytin = 2 manny

Three Componeums Expanation = 2 manny

Economic analytis Emplanetion = 2 manny

(111) Company analymin = 3 making Elliot wave Theory = 3 making

Q. 5 (i) Enplanation of Ellieient maket Hypothem=2mely Three forms of maket Efficient = 3 marks

5(11) Coupt tal maket line explanation = 2.5 malos
We in calculating Portfolio Reture 2.5 malos

9.5 (111) 5 marm 2.5 mahn freach A & B. CAPM= Corpital Asserts Bricing model Given = (Rf) Right free rak of Retur = 5%. B Beta & A = 0.75 B Beta of B = 1.45 ExPected Return of the market = 14%, formula CAPM = Rj=Rf+B(RM-Rf) migg the formula tor A = Ry = Ry+B (Rm-Pf) =5+0.75(14-5)= 5+0.75×9 = 5+6.75 = 11.75 %. fox B = P = 1.45 Rj = Rf+B (Rm-Rf) =5+1.45 (14-5) = 5+1 My5 x9 = 5+13.05 = 18.05 % Exlected retur of seemity A is 11.751.

(5)

Bis 18.05%

5 hmpe Ratio & Treynor Ratio 3. Monny Each 0.6(111) Total Six maky Should Ratio = formuly = 8p-8f where of = Resum Jam He Pansfolio of = Rim free rate of Return 8 = std. deviation & Partfolio $f_{13} = \frac{10-8}{13} = 0.1538 \text{ or } 15.38 \text{ y},$ for B = 20-8 = 0.4615 or 46.15%. manuel Prestation = 14-8 = 0.33 or 33.337. on the Benin & sharke ratio Partolio Bis forfered Treynor Ratio formula = 8P-8f Where of = Return from the Partialio 8f. Rink free rate of Retur Bp = Beta of Pant Joliu As les Treynor ratio A = 10-8 = 5

B = 20-8 = 4

(6)

market Partfolio = 14-8

On the Bark of Treynor Ratio Partfolio A is

Preferred.

Q. 6(i) = Partfolio Perfor. Evaluation Technique = 4 malos

(ii) = Partfolio Revision meaning = 2 mars

Active Strategy = 2 malos

Parinte Strategy = 2 malos