Printed Page:-		ge:- Subject C	Subject Code:- BMBAFM0411					
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1	NOID	DA INSTITUTE OF ENGINEERING AND TEC				R NOI	ĺDΑ	
		(An Autonomous Institute Affiliated to	AKTU,	Luckno	w)			
		MBA	NI (20	20	`			
		SEM: IV - THEORY EXAMINATION Subject: Financial Mode	•	- 20	.)			
Tim	e: 3 H	Hours	iiiig		M	ax. M:	arks: 100	
		structions:			111		um : 100	
IMP:	Verify	fy that you have received the question paper with	the corr	ect cour	rse, cod	e, brai	nch etc.	
		estion paper comprises of three Sections -A, B, &	C. It co	nsists o	f Multip	le Cho	oice	
		(MCQ's) & Subjective type questions.						
		m marks for each question are indicated on right		ide of e	ach que	stion.		
		e your answers with neat sketches wherever nece suitable data if necessary.	ssary.					
		bly, write the answers in sequential order.						
	-	t should be left blank. Any written material after	a blank s	sheet wi	ll not be	2		
		checked.						
SECT	TION-	<u>N-A</u>					20	
1. Att	empt a	all parts:-						
1-a.	T	Γο find the present value of a sum of rupees 10,00	00 to be	receive	d at the	end of	f 1	
		each year for the next five years at 10% rate we u	/	A				
	(a)	Present value of a single cash flow table	7					
	(b)	present value of annuity table						
	(c)	future value of a single cash flow table						
	(d)							
1-b.					rest 1			
10.	in	in a scheme that pays (CO1,K1)	a or one	y car it i	s oction	to mv		
	(a)	12% interest compounded annually						
	(b)							
	(c)	12% interest compounded monthly						
	(d)	12% interest compounded daily						
1-c.	W	Weighted Average Cost of Capital is generally de	enoted by	7: (CO2	2,K1)		1	
	(a)	k A						
	(b)	k w						
	(c)	k O						
	(d)	o						
1-d.		Cost of Capital for Government securities is also	known a	s: (CO2	2,K1)		1	
	(a)	•		·	. /			

	(b)	Maximum Rate of Return,				
	(c)	Rate of Interest on fixed Deposits,				
	(d)	None of the above.				
1-e.	F	or calculating trend percentages any year is selected as: (CO3,K1)	1			
	(a)	Current year				
	(b)	Previous year				
	(c)	Base year				
	(d)	None of these				
1-f.	Н	orizontal Analysis is also known as: (CO3,K1)	1			
	(a)	Dynamic Analysis				
	(b)	Structural Analysis				
	(c)	Static Analysis				
	(d)	None of these				
1-g.		elect the ratio which measures a firm's ability to pay short-term obligations. CO4,K1)	1			
	(a)	Return on Assets				
	(b)	Quick Ratio				
	(c)	Earnings Per Share				
	(d)	Debt Ratio				
1-h.	T	The return on assets (ROA) measures: (CO4,K1)				
	(a)	Efficiency of asset use				
	(b)	Debt level				
	(c)	Liquidity				
	(d)	Share price performance				
1-i.	T	The beta of the market portfolio is: (CO5,K1)				
	(a)	0.5				
	(b)	-1.0				
	(c)	1.0				
	(d)	0				
1-j.	M	Tarket risk is also called: (CO5,K1)	1			
	(a)	nondiversifiable risk and systematic risk.				
	(b)	systematic risk and unique risk.				
	(c)	unique risk and nondiversifiable risk.				
	(d)	systematic risk and diversifiable risk				
2. Att	empt a	all parts:-				
2.a.	E	xplain what do you mean by cell address. (CO1,K2)	2			
2.b.		xplain cost of equity. (CO2,K2)	2			
2.c.		dicate how each liability is shown in percentage terms in a common size balance	2			

	sheet. (CO3,K2)			
2.d.	Name two situations where NPV and IRR might give conflicting results. (CO4,K2)	2		
2.e.	Mention the condition under which a portfolio is considered efficient. (CO5,K2)	2		
SECTIO	<u> </u>	30		
3. Answe	er any <u>five</u> of the following:-			
3-a.	Give two examples of company-specific assumptions used in a financial model. (CO1,K1)	6		
3-b.	Explain what is meant by the term "deterministic" in financial modeling. (CO1,K2)			
3-c.	Discuss what is the primary purpose of using Comparable Company Analysis. (CO2,K2)	6		
3-d.	Give two examples of scenarios used in scenario analysis. (CO2,K2)	6		
3.e.	Give any five transactions belong to operating and investing activities. (CO3,K2)	6		
3.f.	Write a detailed analysis on the importance of cash flow timing in project evaluation. (CO4,K2)			
3.g.	Explain how beta helps in comparing the volatility of two stocks. (CO5,K2)	6		
SECTIO	<u>ON-C</u>	50		
4. Answe	er any <u>one</u> of the following:-			
4-a.	In 10 years what is the value of Rs 50,000 invested today at an interest rate of 10% per year, compounded half yearly. Explain how to calculate using excel. (CO1,K3)	10		
4-b.	Financial models are used for taking decision on raising capital from debt or equity. Explain. (CO1,K2)	10		
5. Answe	er any <u>one</u> of the following:-			
5-a.	State any two reasons why valuation is important for investors. (CO2,K2)	10		
5-b.	Explain how to find slope of a regression line. (CO2,K2)	10		
6. Answe	er any one of the following:-			
6-a.	Explain how do you analyze an income statement. (CO3,K2)	10		
6-b.	A company had following balances investment in the beginning = 34000 investment at the end = 28000 during the year, company sold 40% of its investments held in the beginning of the period at a profit of 8400. Calculate cash flow from investing activity. Discuss components of cash flow from investing. (CO3,K3)	10		
7. Answe	er any <u>one</u> of the following:-			
7-a.	Determine the NPV for a project with cash flows of \$1,000, \$2,000, \$3,000 over 3 years, with a discount rate of 8% and an initial cost of \$4,000. (CO4,K3)	10		
7-b.	GreenTech Solutions is considering a project that requires an initial investment of ₹8,000. The project is expected to generate steady cash inflows over the past three years. The company uses a discount	10		

rate of 9% to evaluate investment opportunities. The finance team is assessing whether the project's returns justify the upfront cost. Analyze the key financial factors GreenTech Solutions should consider when deciding on this project. Discuss how concepts like the time value of money, cash inflows, and discount rate influence the evaluation. (CO4,K4)

8. Answer any one of the following:-

8-a. A stock has a beta of 1.5. The risk-free rate is 6% and the expected market return is 12%. Calculate the expected return using CAPM. (CO5,K3)

8-b. Risk-free rate = 2%, expected return on stock = 10%, market return = 12%.

Calculate the stock's beta using the CAPM formula. (CO5,K3)

