Semester-V

	ourse: Bachelors in modities Markets	Banking and Financial Services		
Course Code:		Semester: 5		
Duration: 30		Maximum Marks: 100		
Teaching Sch	eme	Examination Scheme		
Theory: 5 hour		End Semester Exam: 70		
Tutorial: 1 hou	ırs per week	Teacher's Assessment: 10		
Practical:		Internal Assessment: 20		
Credit: 6		Practical Sessional internal continu		uation:
		Practical Sessional external examir	nation:	
Aim:				
SI. No.				
1.	Understand the rol	e and importance of Commodities Mark	ets	
Objectives				
Objective: Sl. No.				
1.	Effectively Patriate	in Commodities Market Transactions		
1.	Lifectively I atriate	THE COMMITTALITY OF THE CO		
Pre-Requisite				
SI. No.				
1.	Basic knowledge o	of finance		
	Basis Kriewieage e	manoo		
Contents			Hrs./w	eek
Chapter	Name of the Topic	<u> </u>	Hour	Marks
Onapter	Marile of the Topic		S	Walks
01	Regulation	of Commodity Futures Markets	5	12
Introduction	Global Sce	· · · · · · · · · · · · · · · · · · ·		
to	_	nmodity?, Definition		
Commodities		ommodity futures?, Nature of Futures		
Markets	Why Comm			
	1			
	Diversificat			
	 Inflation He 			
		Gold vs Nifty		
	•	Markets in India		
		Futures in India		
	 Categorizat 	tion Of Commodities		
02 Time and	 Strategies 		5	12
			1	1
Return		le in commodities		
Return	How to trad	le in commodities ic Table of Commodity Returns		

	(Effective from academic session 2022-23)		
03 Product Specification	GoldSilverCrude OilCopperGuarseed	5	12
04	 Soyoil Commodity Delivery Process Flow What is Risk? 	5	12
Commodity Hedging	 What is Risk? What is Risk Management?, Risks faced by an entity What is a hedge? What are the risks in commodities? Inflation Hedge Volatility comparison - Summary 		
05 Clearing and Settlement	 Hedging Strategies Introduction Process Flow Participating Entities Collaterals Daily Settlement Final Settlement Delivery Settlement Logic Delivery Settlement – Flow Chart 	5	12
06 Risk Management	 Classification of Risks Members Base Capital Risk Mitigation Strategies Margin Alert Level, Exposure at different margin level Mark-to-Market – (MTM), Example, MTM, How DSP is calculated? Final Settlement Price Position Limits Intra-day Price Limit Settlement Guarantee Fund Pay in Shortages Additional Base Capital 	5	10
	Sub Total:	30	70
	Internal Assessment Examination & Preparation of Semester Examination		30
List of Books	Total:		100
FISE OF DOOKS			

Text Books:

TEXT DOORS.			
Name of Author	Title of the Book	Edition/ISSN/ISBN	Name of the Publisher
P. S. Velmurugan	Indian Commodity Market: Derivatives and Risk Management	2010 . 978-8183873833	Serials Publications
Reference Books:			
Transfer Books.			

			o ii oiii aoac	1		1	
Vijay L. B	Bhambwan	A Trader's	Guide to	2013 / 978	3-	Network 18	3
		Indian Con	nmodities	9380200033 Publications Pvt. Ltd			
		Market					
End Sem	nester Exami 3hrs.	ination Sch	eme.	Maximum I	Marks-70.	Ti	ime
Group	Unit	Objective (MCQ only correct ans			Subjective	Questions	
		No of question to be set	Total Marks	No of question to be set	To answer	Marks per question	Total Marks
Α	1,2,3, 4	10	18	3 2 52		52	
В	4,5, 6, 7, 8	10		4 3			

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

	,	· · · · · · · · · · · · · · · · · · ·		
Name of the Cours Subject: Foreign E	se: Bachelors in	Banking and Financial Services		
Course Code: BB/		Semester: 5		
	ADF3302			
Duration: 30		Maximum Marks: 100		
Teaching Scheme		Examination Scheme		
Theory: 5 hours pe		End Semester Exam: 70		
Tutorial: 1 hours po	er week	Teacher's Assessment: 10		
Practical:		Internal Assessment: 20		
Credit: 6		Practical Sessional internal continuo	us evalu	uation:
		Practical Sessional external examina	tion.	
Aim:		1 radioar doctoriar external examine		
SI. No.				
	I lis al sus taus al cod	estic Fermine Fusherers its read and As		
1		nat is Foreign Exchange, its need and Ac	ımınıstrat	ion in
	India			
			<u></u>	
Objective:	•			
SI. No.				
1	Learn the tools	s and techniques used for FOREX trading	1	
	Learn the tools	and teeninques used for 1 ONEX trading	1	
Pre-Requisite:				
SI. No.				
1	Basic knowled	ge of Economics		
-		9		
Contents			Hrs./w	ook
	N 6 41 7	••		
Chapter	Name of the T	оріс	Hour	Marks
			S	
01 What is	 Define 	"Foreign Exchange" as per FEMA	4	9
Foreign	1999;			
Exchange, its	State th	ne need of forex.		
need and		stand how 'Forex" is administered in		
Administration in	_			
India	india b	y the Government and its different arms		
	D "		4	
02 FEDAI, Forex		be the role of FEDAI (Foreign Exchange	4	9
Business		s' Association of India);		
Infrastructure In	 Unders 	stand the infrastructure in Banks in India		
Banks	for con	ducting forex transactions.		
		arize how the banks quote the forex		
		their customers.		
03 Different Types	+		4	9
of Forex Trades		the role of SWIFT in facilitating inter-	•	9
		authentic messages among financial		
and Rates	instituti			
		different types of forex trades and the		
	differer	nt players in the forex markets.		
		•		
	 Describ 	be the currencies most used in the		
	forex m			
	IOIEX II			
	C	ariza havy different tymas of avalages:		
		arize how different types of exchange		
		re applied to different types of		

В	4,5, 6, 7, 8	10		4	3			
A			18			4		32
Α	1,2,3, 4	to be set		to be set	2			52
		No of question	Total Marks	No of question	To answer		ks per stion	Total Marks
Group	Unit	(MCQ only v			Subjective	Que	stions	
allotted-3h	ırs.			iviaximum IV		O		me
End Sama	etor Evami	ination Sche	mo	Maximum M	arks_70		T:	me
		Strategies for Forex Market						
Reference James Dick		Forex Tradii	ading	2010 / : 978 0071664226		МС	Graw H	lill
Deferre	Dooles							
Leonauol F	andres II	Principles and Strategies To Win The Game		Pla			atform	
Mr Edward Leonador A		The FOREX					reateSpace ndependent Publishing	
						Pul	Name of the Publisher	
Text Book Name of A		Title of the	Book	Edition/IS	SN/ISBN	Na	me of ti	20
List of Boo		olai.						100
	S	emester Exan						100
		ub Total: nternal Assess	sment Fyam	ination & Pro	naration of		30	70 30
			S					
05 Internati Markets an LIBOR rate	d	 Understand how funds are raised by the borrowers in the International Financial Markets. Understand the basics of international bond markets. 				4	9	
affect them		 Describing rate. 	rate.					
04 Foreign Exchange Arithmetic, and Factor	s that	made v rates to	while applying the differer	the actual ca ig the differe it types of tra echnological	nt types of ansactions.		4	9

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

	Course: Bachelors in Bank Income Securities	king and Financial Services		
		nester: 5		
Duration: 30		kimum Marks: 100		
Teaching Sch	-	mination Scheme		
		Semester Exam: 70		
Theory: 5 hours per week Tutorial:1 hours per week		cher's Assessment: 10		
Practical:		rnal Assessment: 20		
Credit: 6		ctical Sessional internal continuo	ue ovalı	ıation:
Oreant. 0		ctical Sessional external examina		iation.
Aim:	Гіа	Clical Sessional external examina	itiOII.	
SI. No.				
1	Appreciate the Role of D	Oeht Markets		
	Appreciate the Noie of L	Dept Markets		
Objective:				
SI. No.				
31. NO. 1	Build skills to deal in Fix	ad Incomo Sacuritias		
1	build skills to deal in Fix	ed income Securities		
Pre-Requisite	 			
SI. No.				
1	Basic knowledge of Eco	nomics		
Contents			Hrs./w	eek
Chapter	Name of the Topic		Hour	Marks
Onapioi	Traine of the ropio		s	Marko
01	Understand basis	c overview of debt market.	4	9
Introduction		f with terminologies used in debt	"	
to Debt	markets.	i with terminologies used in debt		
Markets		of different types of debt		
Markets	1	of different types of debt		
	instruments.	role of dobt markets in conital		
		ole of debt markets in capital		
00 Dan -!	markets.		1	
02 Bond	Define different t	* ·	4	9
Structure		Money Market instruments.		
		pons, yield and redemption and		
	their computation	•		
	1	h-flows of a bond / Non		
	Convertible Debe	enture		
	_	& Putable Bonds.		1

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL NH-12 (Old NH-34), Simhat, Haringhata, Nadia -741249 Syllabus of BBA (Banking and Finance)

(Effective from academic session 2022-23)

	Sub Total:	30	70
Case Studies	 FII Participation In Indian Bond Markets FCCB Issue 		
Valuation of MBS and ABS	 Describe the valuation of Mortgage Based Securities (MBS) Summarise the Valuation of Asset Based Securities (ABS) 		
	Understand the Basic concepts related to Asset Backed Securities (ABS).		
MBS and ABS	Describe the Basic concepts related to Mortgage Backed Securities (MBS).		
	 Exchange rate risk Understand the Credit rating agency functions 		
	o Liquidity risk		
Bonds - II	 Understand and analyze following advanced risk levels in a bond: Credit risk 		
Risks in	Yields. Summarise application of concepts with regards to financial planning. Independent and analyze following advanced risk.		
Risks in Bonds - I	 Define practical Bond Valuation strategies. List the computation & conceptual logic of types of 		
Valuation - II	 List the computation & conceptual logic of types of Yields. Summarise application of concepts with regards to financial planning. 		
05 Bond	 Describe what are CDS and their uses. Define practical Bond Valuation strategies. 	4	9
04 Bond Valuation - I	 Understand Basics of Derivatives. Understanding the working of Callable & Putable Bonds. Explain the various methods of Bond Valuation. 	4	9
	Bonds. Explain the various methods of Bond Valuation. Describe what are CDS and their uses.		
03 Bonds with Options	Understand Basics of Derivatives.Understanding the working of Callable & Putable	4	9

		nternal Assessment Examination & Preparation of Semester Examination					30 100
List of Bo Text Boo	ooks	•					100
Name of	Author	Title of the	Book	Edition/IS	SN/ISBN	Name of t Publisher	
Pietro Ver	ronesi	Fixed Incor Securities: Risk and R Manageme	Valuation, isk	2011 / 978 81265317		Wiley	
Referenc	e Books:						
Frank J. F	abozzi	The Handb Fixed Incor Securities I	me	2017/ 978 12590982		McGraw H Education	lill
End Sem		ination Sch	eme.	Maximum N	Marks-70.	Ti	ime
Group	Unit	Objective (MCQ only correct ans			Subjective	Questions	
		No of question to be set	Total Marks	No of question to be set	To answer	Marks per question	Total Marks
Α	1,2,3, 4	10	18	3	2	4	52
В	4,5, 6, 7, 8	10		4	3	-	

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

Name of the Cou	<u> </u>	Parking and Financial Comises		
Subject: Financia		Banking and Financial Services		
Course Code: BB		Semester: 5		
Duration: 30		Maximum Marks: 100		
Teaching Schem	е	Examination Scheme		
Theory: 5 hours per week End Semester Exam: 70				
Tutorial:1 hours p				
Practical:		Internal Assessment: 20		
Credit: 6		Practical Sessional internal cor	tinuous eval	uation:
		Practical Sessional external exa	amination:	
Aim:		·		
SI. No.				
1	Appreciate the r	need for Financial Risk Managemer	nt	
Objective:				
SI. No.				
1	Master the tools	and techniques for effective Finan	cial Risk Mana	gement
-				
-				
Pre-Requisite:				
SI. No.				
-	Basic knowledge	e of Finance		
SI. No.	Basic knowledge	e of Finance		
SI. No.	Basic knowledge	e of Finance		
SI. No. 1 Contents			Hrs./w	
SI. No.	Basic knowledge Name of the To		Hour	eek Marks
SI. No. 1 Contents Chapter	Name of the To	ppic	Hour s	Marks
SI. No. 1 Contents Chapter 01 Getting	Name of the To Living wi	opic ith Risk.	Hour	
SI. No. 1 Contents Chapter 01 Getting Started with Risk	Name of the To Living wi Understa	opic ith Risk. anding Risk Models	Hour s	Marks
SI. No. 1 Contents Chapter 01 Getting	Name of the To Living wi Understa	opic ith Risk. anding Risk Models Charge of Risk	Hour s	Marks
SI. No. 1 Contents Chapter 01 Getting Started with Risk	Name of the To Living wi Understa	opic ith Risk. anding Risk Models	Hour s	Marks
SI. No. 1 Contents Chapter 01 Getting Started with Risk	Living wi Understa Taking C Managin	opic ith Risk. anding Risk Models Charge of Risk	Hour s	Marks
SI. No. 1 Contents Chapter 01 Getting Started with Risk	Living wi Understa Taking C Managin	opic ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager	Hour s	Marks
SI. No. 1 Contents Chapter 01 Getting Started with Risk Management	 Name of the To Living wi Understa Taking C Managin Function Valuing F 	opic ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk.	Hour s 6	Marks
SI. No. 1 Contents Chapter 01 Getting Started with Risk Management 02 Measuring	Living wi Understa Taking C Managin Function Valuing F Stress Te	opic ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk. resting for Success	Hour s 6	Marks
SI. No. 1 Contents Chapter 01 Getting Started with Risk Management 02 Measuring	Living wi Understa Taking C Managin Function Valuing F Stress To Speaking	ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk. festing for Success g Greek	Hour s 6	Marks
Contents Chapter 01 Getting Started with Risk Management 02 Measuring Financial Risk	 Name of the To Living wi Understa Taking C Managin Function Valuing F Stress To Speaking Accounti 	opic ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk. Testing for Success g Greek ing for Extremes	Hour s 6	14 14
SI. No. 1 Contents Chapter 01 Getting Started with Risk Management 02 Measuring Financial Risk 03 Managing	Living wi Understa Taking C Managin Function Valuing F Stress To Speaking Accounti Setting L	ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk. Testing for Success g Greek ing for Extremes	Hour s 6	Marks
Contents Chapter 01 Getting Started with Risk Management 02 Measuring Financial Risk	Name of the To Living wi Understa Taking C Managin Function Valuing F Stress To Speaking Accounti Setting L Stopping	ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk. festing for Success g Greek ing for Extremes Limits. g Losses	Hour s 6	14 14
SI. No. 1 Contents Chapter 01 Getting Started with Risk Management 02 Measuring Financial Risk 03 Managing	Name of the To Living wi Understa Taking C Managin Function Valuing F Stress To Speaking Accounti Setting L Stopping	ith Risk. anding Risk Models Charge of Risk ng Financial Risk ns of a Financial Risk Manager Risk. Testing for Success g Greek ing for Extremes Limits. g Losses ng Drawdowns	Hour s 6	14 14

04 Working Financial Institutions	in	TradingBankingManagirInsuring	on Risk ng Assets	and Portfolios	:	6	14
05 Communica Risk	ting	Reporting		ce		6	14
	9	ub Total:				30	70
	In			mination & Pre	paration of	30	30
		otal:					100
List of Boo Text Books							
Name of Au		Title of the	Book	Edition/ISSN	N/ISBN	Name of t Publisher	he
Aaron Brow	n	Financial Ri Manageme Dummies		2015 / 978-1	119082200	Wiley	
Reference	Books:						
Philippe Jor	ion	Financial Ri Manager Ha FRM Part I	andbook	2013 / 978-8	126544080	Wiley	
End Semes		nination Sche	me.	Maximum I	Marks-70.	Т	ime
Group	Unit	Objective Questions (MCQ only correct answ	with the		Subjective (Questions	
		No of question to be set	Total Marks	No of question to be set	To answer	Marks per question	Total Marks
Α	1,2,3, 4	10	18	3	2	4	52
	4,5, 6, 7, 8			4	3		

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

Name of the C	ourse: Bachelors in	Banking and Financial Services		
	duction to Algorithmic			
	BBABFS503 - C	Semester: 5		
Duration: 30		Maximum Marks: 100		
Teaching Sch	eme	Examination Scheme		
Theory: 5 hou		End Semester Exam: 70		
Tutorial: 1 hou		Teacher's Assessment: 10		
Practical:		Internal Assessment: 20		
Credit: 6		Practical Sessional internal con	ntinuous evalu	uation:
		Practical Sessional external ex		
Aim:				
SI. No.				
1	Build a foundationa	ll understanding of Algorithmic Tra	ding	
2		ween various components of Algor		
		. 5		
Objective:				
SI. No.				
1	To build an underst	anding of Algorithmic Trading- cor	cepts and fund	ctioning
			•	
Pre-Requisite				
SI. No.				
	NA			
Contents			Hrs./w	eek
Chapter	Name of the Topic	;	Hour	Marks
-	_		s	
01 Algo	About Algo	Lifecycle	2.5	6
Lifecycle		•		
02	What is Alge	o Trading?	0.5	
ALgorithmic		o maanig.	2.5	6
Trading	 How is it diff 		2.5	6
· · - · · · · · · · · · · · · · · · · ·	How is it diffBenefits		2.5	6
03 Circuit	Benefits	ferent?		6
	Benefits Price Bands	ferent?	2.5	
03 Circuit	BenefitsPrice BandsCircuit Brea	ferent? s kers for Nifty & Sensex		
03 Circuit	BenefitsPrice BandsCircuit BreaWhat is Clos	ferent? s kers for Nifty & Sensex sing Price?		
03 Circuit	BenefitsPrice BandsCircuit BreaWhat is Clos	ferent? s kers for Nifty & Sensex		
03 Circuit Breakers	 Benefits Price Bands Circuit Brea What is Close Importance 	ferent? s kers for Nifty & Sensex sing Price? of Closing Price	2.5	6
03 Circuit Breakers	 Benefits Price Bands Circuit Brea What is Close Importance Algo Risk M 	ferent? s kers for Nifty & Sensex sing Price? of Closing Price lanagement		
03 Circuit Breakers 04 Colocatoin,	 Benefits Price Bands Circuit Brea What is Close Importance Algo Risk Mesouble Edge 	ferent? s kers for Nifty & Sensex sing Price? of Closing Price lanagement ed Sword	2.5	6
03 Circuit Breakers	 Benefits Price Bands Circuit Brea What is Close Importance Algo Risk M 	ferent? Sinkers for Nifty & Sensex sing Price? of Closing Price Janagement led Sword s	2.5	6

	,		
Predatory Algos	 Exchange Mandated Checks Testing your Strategy Algo Approval Process API Predatory Algos 		
05 Decoding the Order Book	 Order book Pre-open process Order Collection Order Matching Equilibrium Price 	2.5	6
06 Execution Algos	 Order Types Case TWAP & VWAP POV Design Considerations Design your VWAP Algo 	2.5	6
07 Latency	Factors affecting LatencyOptimizing Algo Latency	2.5	6
08 Robot Advisory	 Investor / Advisor What are Robo Advisors? Breaking it Down Investor Buckets Stock Buckets Strategy Buckets Investing Popular across the Globe How it works? Target Audience Variants 	2.5	6
09 Software Components	Algo LogicOMSRMSDatabasesBroadcast	2.5	6
10 Stock Market	 What is the Stock Market? Various Stakeholders What happens when you BUY and SELL? Asset Classes The concept of BULLS and BEARS Factors affecting Stock Price About Trading and Alternate ways Trade Lifecycle Instruments Traded 	2.5	6
11 Strategies	 Typical Algo Strategies Quant Strategies – Pairs 	2.5	6
	 Execution Algo – Jobbing Arbitrage Market Making Typical Algo Trader/Developer 		

12 Trading	9 •	OMS			•	2.5	4
Architectu		Orders					
	•	RMS					
	•	Validate th	e Order				
		Broadcast					
				sina Enaine	/ Algo Serve	r	
		Report Ser		onig Engine	77 rigo oci vo	'1	
		3 rd Party T					
		•	Components				
		ora raity c	zemperiente				
Sub Total:						30	70
Internal Assessment Examination & Preparation of							30
		ster Examina	tion				400
11.4.60	Total	:					100
List of Bo Text Bool							
Name of A		Title of the	Book	Edition/IS	SSN/ISBN	Name of t	he
			20011			Publisher	
Ernie Cha	n	Algorithmic	Trading:			Wiley	
		Winning St					
		and Their F	Rationale				
Reference		0	- T di	2040 / 500	4540000	\A/:L	
Ernie Cha	n	Quantitative How to Bui		2019/B00	1FA0GGC	Wiley	
		Own Algori					
		Trading Bu					
		Trading bu	3111033				
		ination Scho	eme.	Maximum I	Marks-70.	Т	ime
allotted-3 Group	nrs. Unit	Ohiective	Questions		Subjective	Questions	
Jioup	Oilit	(MCQ only			Jubjective	- wucstioi15	
		correct ans					
		No of	Total	No of	To answer	Marks per	Total
		question	Marks	question		question	Marks
		to be set		to be set			
Α	1,2,3, 4	10	40	3	2		
		1.0	18			4	52
В	4,5, 6, 7, 8	10		4	3 ect answer are		

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- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

Name of the C		Banking and Financial Services				
Subject: Finan		Barnang and I mariolal convious				
	BBABFS504 - A	Semester: 5				
Duration:30		Maximum Marks: 100				
Teaching Sch	eme	Examination Scheme				
Theory: 5 hour		End Semester Exam: 70				
Tutorial:1 hou		Teacher's Assessment: 10				
Practical:	TO POT WOOK	Internal Assessment: 20				
Credit: 6		Practical Sessional internal continuo	ue ovali	lation:		
Oleuit. 0		Practical Sessional external examina		uation.		
Aim:		Fractical Sessional external examina	tion.			
SI. No.						
	One at a favor dation	a of Figure sigh Madalling to favouret a lave	:!- 4	:		
1		n of Financial Modelling to forecast a bus	iness's i	inanciai		
	performance in the	ormance in the ruture equip you with knowledge and skills to use financial models to perfor				
2			eis to pe	ertorm		
	company analysis	and valuation				
Object						
Objective:	T					
SI. No.						
1		ancial Modelling in order to excel at forec	asting a			
	business's financia	I performance in the future				
Pre-Requisite:						
SI. No.						
1	Basic knowledge o	f Excel				
2		f Economics or Finance				
Contents			Hrs./w	eek		
Chapter	Name of the To	pic	Hour	Marks		
		,,,,,,,	S			
01 Creating a	Formatti	ng the data, summarizing, and	4	9		
Financial Mode		apresentable format	·			
template		ating Text and Numerical Data				
using Excel -I	•	•				
		vot Tables to Summarize Data	4	<u> </u>		
02 Creating a		ng data into tabular format	4	9		
Financial Mode	- Idollary i	nigh profit sales using				
template using		nalformatting				
Excel -	Excel Be	est Practises				
<u>II</u>						
03 Financial	Inputs/A	ssumptions Worksheet	4	9		
Model for a	 Preparin 	g the 3 Financial Statements				
New Business						
- l						
04 Financial	Preparin	g Depreciation & Amortization Schedule	4	9		
Model for a	•	g Debt Schedule				
New		orking Notes				
Business - II						
05 Modellin	g • Understa	and the Business Model and	4	9		
Case Study -I	Operatin					
Jaco Blady 1		g the Historical Statement				
		ng Assumptions for Future Action				
	- Modellii	ig / loourriptions for Future Action				

			_		3			
A	1,2,3, 4	10	18	3		4		32
A	1,2,3, 4	No of question to be set	Total Marks	No of question to be set	To answer		ks per stion	Total Marks
Group	Unit	(MCQ only correct answ	wer)		Subjective			
End Seme allotted-3h		mination Sche	eme.	Maximum N	larks-70.		Ti	me
		Practical G	uide					
Tairriarse		Financial M						
Reference Danielle S Fairhurst		Using Exce Business a		2019/ B07	Q1KFLNM	Wile	∋y	
Deferre	Darles							
Tairiuist								
Danielle S Fairhurst	Stein	Financial M Excel For D		2017/ B062	ZXS8QZQ	Wile	ЭУ	
Name of A	uthor	Title of the	Book	Edition/IS	SN/ISBN	_	ne of tl disher	ne
List of Book Text Book								
	1	Preparation ofS Total:	emester Exa	mination				100
	li	Sub Total: nternal Assessi					30	70 30
- 11			rarameters					
08 Analysis Valuation - II	and	 Compar 	Performing Sensitivity/Scenario Analysis Comparing the Valuation Summary using DifferentParameters				2	7
07 Analysis Valuation - I	s and		WACC and Cost of Equity Analysis Performing Valuation using DCF					9
		 Equity N 	DebtInfusion Equity Modelling – Equity Infusion					
			me Tax Dep		Modelling –			
		 Modellin 		ciation Sche	dule – Book			
		futureco	st		curig the			
Case Study	/ -II		futurerevenues Modelling Cost Build-up – projecting the					

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

Name of the Co	<u> </u>	Banking and Financial Services				
Subject: Financi		i banking and Financial Services				
Course Code: B		Semester: 5				
Duration: 30	B/ (B) (COO 1 B	Maximum Marks: 100				
Teaching Schen	ne	Examination Scheme				
Theory: 5 hours		End Semester Exam: 70				
Tutorial:1 hours		Teacher's Assessment: 10				
Practical:	•	Internal Assessment: 20				
Credit: 6		Practical Sessional internal conti	nuous eval	uation:		
		Practical Sessional external exan	nination:			
Aim:						
SI. No.						
1	Appreciate the	need for proper Financial Planning				
Objective:	1					
SI. No.	T		_ .f i	-1		
1	To master the to	ools and techniques to build a person	ai financiai į	olan		
Pre-Requisite:						
SI. No.	T					
01. 140.	NA					
	14/ (
Contents			Hrs./wee	k		
Chapter	Name of the To	ppic	Hours	Marks		
01 Financial		financial planning?	4	9		
Planning and		al planning process				
Personal		nd Advantages of financial planning				
Financial	Financia					
Statements	Best Pra	actices				
	 Persona 	ll Financial statements				
	Compor	ents of financial statements				
	Balance					
	• Income	statements				
02 Cash flow	Profile o	f Average Investor	4	9		
and Debt	Life Stage	•				
Management		ow Problem				
	Cash Floring	ow Management				
		al Statements				
	Budgetir	ng				
		g Expenses				

	•		
	Debt ManagementTypes of Debt		
	 Debt Management Strategies 		
03 Investments Asset Allocation and Acquisition	 What is asset allocation? Asset Allocation Strategies Strategic Asset Allocation Tactical Asset Allocation Core Satellite Asset Allocation Systematic Asset Allocation Diversification Asset Allocation Decision Factors Affecting Portfolio Composition 	4	9
04 Assets to	Investment Mantras	4	9
Invest in	 Various Assets Other Investment Avenues		
05 Insurance policies	InsuranceTypes of InsuranceTypes of Life Insurance Products	4	9
06 Strategies for Insurance	 Insurance Myths Easy ways to buy a policy Computation of Human Life Value Types of General Insurance 		
07 Investment Planning	 Why Investment Planning? Investor Types based on risk appetite Tips for effective investment planning 		
08 Investment Avenues	 Choice of Investment Options Investment Avenues Chart Long Term vs Short Term Timeline Pyramid for Investment Types of Planning 		
09 Education Planning	 What is education planning? Why education planning? Steps for education planning Investment options for education Alternative sources for education 		
10 Tax and Retirement planning	 What is tax planning and why it is important Steps to begin tax planning Steps for calculation of tax payable and tax savings investments Tax Saving Schemes What is Retirement Planning? Steps to arrive at a retirement plan Investments for Retirement 		
11 Planning for Special circumstances	Special CircumstancesEstate Planning		

		Loss or	Work				
			Emergency				
			or separatio	n			
		Having		11			
		Tiaving	a orniu				
	Sı	ıb Total:				30	70
		ernal Assess mester Exam		ation & Prep	aration of		30
	To	otal:					100
List of Bo						<u>'</u>	1
Text Boo							
Name of	Author	Title of the	Book	Edition/IS	SN/ISBN	Name of t Publisher	he
Indian Ins	titute of	Introduction	n to	2017 / 9386394553 Taxmann			
Banking 8	Finance	Financial P	lanning			Publication	ns Pvt. Ltd.
Referenc							
Benjamin		Yes, You C		2006 / 978		New Begir	ınings Pr
(Author), I		Financial L		140191124	9		
Demuth (A	Author)	Lifetime Gu					
		Financial P	lanning				
End Semallotted-3		ination Scho	eme.	Maximum N	larks-70.	Ti	me
Group	Unit	Objective	Questions		Subjective	Questions	
-		(MCQ only			•		
		correct ans	wer)				
		No of	Total	No of	To answer	Marks per	Total
		question	Marks	question		question	Marks
_	1.00	to be set		to be set	_		
Α	1,2,3, 4	10	40	3	2		52
_	4507	40	18			4	
В	4,5, 6, 7, 8	10		4	3		
. • On	dy multiple ch	noice type que	stion (MCO) w	ith one corre	ct answer are	to he set in the	ne objective

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.

		e from academic session zozz-zoj				
Name of the C Subject: Project		Banking and Financial Services				
	BBABFS504 - C	Semester: 5				
Duration: 30		Maximum Marks: 100				
Teaching Scho	eme	Examination Scheme				
Theory: 5 hour		End Semester Exam: 70				
Tutorial:1 hour		Teacher's Assessment: 10				
Practical:	- раз наск	Internal Assessment: 20				
Credit: 6		Practical Sessional internal continu	ous evali	uation:		
		Practical Sessional external examin				
Aim:						
SI. No.						
1	To create a founda	tion to understand the concepts involve	d in Proie	ct Finance		
2		ween planning, management, risks, est				
_		ner concepts in the financial field	iiriatiori, o	арна		
	invocationic and ou	ior correspondint the initiational field				
Objective:						
SI. No.						
1	To create a founda	tion to understand the concepts involve	d in Proie	ct Finance		
<u> </u>			<u></u>			
Pre-Requisite:						
SI. No.						
1	NA					
•	177.					
Contents			Hrs./w	eek		
Chapter	Name of the Topic	<u> </u>	Hour	Marks		
Onapici	Name of the roph		s	Warks		
01 Concept of	Concept of	SME /MSME	3	7		
SME /MSME	•	& relevance of Project Finance		'		
OIVIL /IVIOIVIL	•	•				
	Project Typ Project Typ					
00 5-4:		roject Finance		-		
02 Estimating	_	& Assessing Cost of Project	3	7		
& Assessing	Its Cash Flo					
Cost of		sibility Analysis				
Project	 Time Value 	of Money				
03 Capital	 Capital Inve 	estment Types	3	7		
Investment	 Capital Bud 	lgeting				
	 Evaluation 	in Capital				
		e through IRR , NPV & Pay Back				
	Period Stru					
04 Project	Project Plai	<u> </u>	3	7		
Planning		techniques for Project Implementation				
	- 11000001111119	tooning add for a rejoot implomentation		1		

E. R. Yescomb		ject 2012/ 978- 0127708515	Aca	ademic	Press
Reference Bo	oks:				
Prasanna Chai	Projects: Plannin Analysis, Selection Financing, Implementation, Review	on,	572 Mc	Graw Fucation	Hill
Name of Auth	or Title of the Bool	k Edition/ISSN/ISB	_	me of t	
List of Books Text Books:				<u> </u>	100
	Semester Examination Total:	•			100
	Sub Total: Internal Assessment Exa	amination & Preparation of		30	70 30
Preparation	•			30	70
norms of SEBI 10 Project Report	Simulation Exerce Preparation	Simulation Exercise and practice on Project Report			
09 SME Listing &	Taxation SME Listing & n	Taxation SME Listing & norms of SEBI			
Risks in Projects	Risk mitigationSecuritizationInsurance	Risk mitigation Securitization			
Schemes to assist MSME's 08 Common	Common Risks i	Export Finance Common Risks in Projects			
07 Test & Govt.		hemes to assist MSME's		3	7
06 Working Capital Management	Its Relevance &Areas of ConcerRBI Norms to as	Working Capital Management Its Relevance & Importance Areas of Concern in Managing Working Capital RBI Norms to asses Working Capital requirement			7
05 Sources of Financing SME /MSME Projects	Long Term & ShLending SchemeVenture Capital	es of the Banks & Private Equity	ts	3	7
	 Project Control 				

End Sem	nester Exami 3hrs.	nation Sch	eme.	Maximum I	Marks-70.	Т	ime
Group	Unit	Objective (MCQ only correct ans No of question to be set		No of To answer Marks per Total			Total Marks
A B	1,2,3, 4 4,5, 6, 7, 8	10	18	3	3	4	52

- Only multiple choice type question (MCQ) with one correct answer are to be set in the objective part.
- Specific instruction to the students to maintain the order in answering objective questions should be given on top of the question paper.