1	Glob	al And D	Omestic Developments: Financial Stability Implications for Pakistan	1		
	1.1	1 Macroeconomic Imbalances – the Commodity Price impact		6		
	1.1	Trade I	Prospects	9		
	1.3	Access	to International Markets: Sovereign and Private	11		
	1.4	Implica	ations for Financial Markets	12		
	1.5	Conclu	sion	14		
2	Dime	Dimensions of Monetary and Financial Stability				
	A.	FRAMEWORK FOR FINANCIAL STABILITY				
	2.1	Financial Stability: Methodological Framework				
	2.2	SBP's Existing Framework for Financial Stability Assessment		19		
		2.2.1	Off-site Surveillance and On-Site Supervision	20		
		2.2.2	Stress-Testing Stress-Testing	20		
		2.2.3	Financial Soundness Indicators (FSIs)	22		
	2.3	Propos	sed Framework for Financial Stability	22		
		2.3.1	Analyzing Macro-financial developments through Early Warning Systems	22		
		2.3.2	Macro-Prudential Surveillance	22		
		2.3.3	Conclusion: Policy Actions	24		
	В.	MONE	TARY AND FINANCIAL STABILITY	24		
	2.4	Monetary and Financial Stability: The Conventional View				
	2.5	Monet	ary and Financial Stability: The "New Environment" Hypothesis	25		
		2.5.1	New Environment Hypothesis: Case of Pakistan	26		
	2.6	Conclu	sion and Policy Implications	28		
	Special Section: Framework for Macro Stress Testing					
3	Stability of The Banking System					
	3.1	Overvi	ew	39		
	3.2	Assets and Funding Structure of the Banking System				
	3.3	Risk A	ssessment	43		
		3.3.1	Credit Risk	43		
		3.3.2	Market Risk	48		
		3.3.3	Operational Risk	53		
		3.3.4	Liquidity Risk	55		
	3.4	Risk Be	earing Capacity of the Banking System	58		
		3.4.1	Capital Adequacy and Solvency	58		
		3.4.2	Profitability of the Banking System	62		
	3.5	Resilie	nce of the Banking System: Sensitivity Analysis	64		
	3.6	3.6 Conclusion				
	Special Section I: Liquidity Pressures in the Banking System					
	Special Section II: Trends in Efficiency Indicators of the Banking System					
4	Concentration and Competition in the Banking System					
	4.1	Bankin	g Structure and Measures of Concentration	77		
		4.1.1	M-Concentration ratio	78		
		4.1.2	Coefficient of Variation	79		

		4.1.3	Herfindahl-Hirschman Index (HHI)	79			
		4.1.4	PR-H Statistic	80			
		4.1.5	Robustness of Results	82			
	4.2	Conclu	ision	82			
5	Doro	nostivos	on Consumer Finance in Pokiston	07			
5	5.1		on Consumer Finance in Pakistan	87			
	5.1	-	d Facts mer Finance – Myths and Facts	88 89			
	5.3	•					
	5.4	•	Outlook	90 94			
	3.4	ruture	Cuttook	34			
6	Fran	ramework for Consolidated Supervision					
	6.1	The Po	otential Impact of Financial Conglomerates on Banks	101			
		6.1.1	The Role of the Financial System	101			
		6.1.2	Special Nature of Banks	101			
		6.1.3	Conglomerate Risks to Banking	102			
	6.2	Regula	atory Approaches to Mitigating Conglomerate Risks	103			
		6.2.1	Regulatory Architecture	104			
		6.2.2	Limits on the Ownership of Conglomerate Groups	104			
		6.2.3	Limits on the Scope of Participation in Conglomerate Groups	105			
		6.2.4	Limits on the Structure of Conglomerate Groups	105			
		6.2.5	Regulatory Requirements	105			
	6.3		Inherited Challenges in Pakistan	107			
		6.3.1	Regulatory Architecture	107			
		6.3.2	Limits on the Ownership of Conglomerate Groups	108			
		6.3.3	Limits on the Scope of Participation in Conglomerate Groups	108			
		6.3.4	Limits on the Structure of Conglomerate Groups	108			
		6.3.5	Regulatory Requirements	108			
	6.4		Recommended/Proposed Framework for Pakistan	108			
7	Stab	ability Assessment of Financial Markets 1					
	7.1	-	y Market	111			
		7.1.1	Interest Rate Dynamics	115			
		7.1.2	Primary market for Government Securities	117			
		7.1.3	Secondary Market Trading	119			
		7.1.4	Conclusion	120			
	7.2	Foreign Exchange Market		121			
		7.2.1	Interbank Volumes and Transactions	122			
		7.2.2	Exchange Rate	123			
		7.2.3	Foreign Exchange Reserves	127			
	7.3	Functioning of the Derivatives Market		129			
		7.3.1	Policy Environment	129			
		7.3.2	Recent Developments	129			
		7.3.3	Product-wise Transactions	130			
	7.4	Capita	al Markets	132			

		7.4.1	Equity Markets	133	
		7.4.2	Corporate Debt Market	138	
	Speci	al Sectio	on I : Does Foreign Investment Drive the Equity Market in Pakistan	141	
	Speci	al Sectio	on II : Financial Analysis of the Listed Corporate Sector	145	
8	Islamic Banking				
	8.1		tional Developments	153	
	8.2	Perforn	nance of Islamic Banking in Pakistan	155	
		8.2.1	Financial Soundness and Stability of Islamic Banks	156	
	8.3	Assessr	ment of Risks	161	
	8.4	Conclus	sion	166	
9	Promoting Inclusive Finance				
	9.1	Financi	al Inclusion Program	171	
		9.1.1	National Microfinance Outreach Strategy	171	
		9.1.2	Development of Small and Medium Enterprises (SMEs)	174	
		9.1.3	Increase Outreach of Agriculture Credit	175	
	9.2	Financi	al Innovation	175	
		9.2.1	Mobile Branch Banking	176	
		9.2.2	Branchless Banking	176	
		9.2.3	Credit Information Bureau	176	
		9.2.4	Credit Rating Mechanism	176	
		9.2.5	SMART Subsidies	177	
	9.3	Financi	ial Inclusion Program and Financial Sustainability	177	
10	Performance Review of Non-Bank Financial Institutions				
	10.1	Overvie	ew	181	
	10.2	Operati	ing Framework	183	
		10.2.1	Regulatory Framework	183	
		10.2.2	Ownership Structure	184	
	10.3	Perforn	nance Review	185	
		10.3.1	Investment Finance Companies	188	
		10.3.2	Leasing	190	
		10.3.3	Venture Capital Investment	193	
		10.3.4	Discounting	194	
		10.3.5	Modarabas	196	
		10.3.6	Housing Finance	199	
		10.3.7	Development Finance Institutions	202	
	10.4	Conclus	sion	205	
	Speci	al Sectio	on: Profile of Mutual Funds	207	
11	Risk Assessment of the Insurance Sector				
	11.1	Introdu	uction	213	
		11.1.1	Global Perspective	213	
	11.2	Overvie	ew of the Insurance Sector	213	

		11.2.1	Significant Developments	214
		11.2.2	Performance Review of the General Insurance Sector	215
		11.2.3	Life Insurance Companies	220
	11.3	Reinsur	rance	223
	11.4	Conclus	sion	223
12	Paym	ent and	Settlement Systems	227
	12.1	Evolution	on of Payment Systems	227
		12.1.1.	Legal Framework	228
	12.2	Retail P	Payment System	228
		12.2.1	Paper-Based Transactions and Clearing	228
		12.2.2	Electronic Transactions: E-Banking	229
	12.3	Pakista	n Real-Time Interbank Settlement System (PRISM)	231
	12.4	SWIFT		232
	12.5	Impact on Risk Profile		232
		12.5.1	Operational Risk	232
		12.5.2	Security Risk	232
		12.5.3	Strategic Risk	232
		12.5.4	Reputational Risk	232
	12.6	Conclus	sion	232
	Speci	al Sectio	on: Trends in Financial Savings	233
	Anne	xes		241