

# SOMAIYA

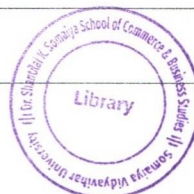
## VIDYAVIHAR UNIVERSITY

Dr. Shantilal K. Somaiya School of Commerce and Business Studies

### QUESTION PAPERS

<b>BRANCH: Bachelor of Commerce</b> <b>(Banking &amp; Finance)</b>	<b>SEM: VI</b>
	<b>APR-2023</b>

Sr. No.	Subject	Available
1.	131U06V501 – Financial Planning & Investment (A)	
2.	131U06V501 - Financial Planning & Investment (B)	
3.	131U06C503 – Technical Analysis (A)	
4.	131U05C602 – Central Banking & Monetary Policy	
5.	131U05V603 – Risk Management in Banks (A)	
6.	131U05V603 - Risk Management in Banks (B)	
7.	131U06C503 - Technical Analysis (B)	
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		



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Semester (October 2022 to March, 2023)		
Examination: End Semester Examination March 2023 (UG Programmes)		
Programme code:05	Class: TYBBF	Semester: VI
Programme: Banking & Finance		
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting & Finance	
Course Code: 131U06V501	Name of the Course: Financial Planning and Investments	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary 3) Use of Simple Calculator is allowed		

Q. No.		Max. Marks																																										
Q.1	<p><b>Answer the following</b></p> <p>A) Define Ponzi Schemes and elaborate general rules to protect yourself from such schemes. <b>(8 Marks)</b></p> <p>B) Explain in detail the procedure to obtain an Education Loan. <b>(7 Marks)</b></p> <p style="text-align: center;"><b>OR</b></p> <p>C) Company A' is looking for two alternative machineries available for innovative production in their factory. Following details are provided: <b>(15 Marks)</b></p> <table><tr><th>Particulars</th><th>Machine A'</th><th>Machine B'</th></tr><tr><td>Cost of Machinery</td><td>7,45,000</td><td>8,65,000</td></tr><tr><td>Scrap Value</td><td>45,000</td><td>65,000</td></tr><tr><td>Life in Years</td><td>7 years</td><td>8 Years</td></tr><tr><td>Profit Before Depreciation and Tax :</td><td></td><td></td></tr><tr><td>    1<sup>st</sup> Year</td><td>1,25,000</td><td>1,00,000</td></tr><tr><td>    2<sup>nd</sup> Year</td><td>1,95,500</td><td>1,45,250</td></tr><tr><td>    3<sup>rd</sup> Year</td><td>2,45,500</td><td>1,65,750</td></tr><tr><td>    4<sup>th</sup> Year</td><td>3,10,000</td><td>2,05,000</td></tr><tr><td>    5<sup>th</sup> Year</td><td>2,64,500</td><td>2,45,500</td></tr><tr><td>    6<sup>th</sup> Year</td><td>1,85,000</td><td>2,87,000</td></tr><tr><td>    7<sup>th</sup> Year</td><td>1,35,500</td><td>2,11,000</td></tr><tr><td>    8<sup>th</sup> Year</td><td>----</td><td>1,98,000</td></tr><tr><td>Tax Rate</td><td>30%</td><td>30%</td></tr></table> <p>Give your recommendations on accepting Machine A' and Machine B' based on Net Present Value. Consider discounting factor @ 10%</p>	Particulars	Machine A'	Machine B'	Cost of Machinery	7,45,000	8,65,000	Scrap Value	45,000	65,000	Life in Years	7 years	8 Years	Profit Before Depreciation and Tax :			1 <sup>st</sup> Year	1,25,000	1,00,000	2 <sup>nd</sup> Year	1,95,500	1,45,250	3 <sup>rd</sup> Year	2,45,500	1,65,750	4 <sup>th</sup> Year	3,10,000	2,05,000	5 <sup>th</sup> Year	2,64,500	2,45,500	6 <sup>th</sup> Year	1,85,000	2,87,000	7 <sup>th</sup> Year	1,35,500	2,11,000	8 <sup>th</sup> Year	----	1,98,000	Tax Rate	30%	30%	(15)
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Q.2	<p><b>Attempt the following:</b></p> <p>A) Following is information about shares of ABC and XYZ under different states of economy: <b>(8 Marks)</b></p> <table><tr><th>State of Economy</th><th>Probability</th><th>Shares of ABC</th><th>Shares of XYZ</th></tr><tr><td>Recession</td><td>0.10</td><td>5%</td><td>0%</td></tr><tr><td>Stagnation</td><td>0.30</td><td>10%</td><td>8%</td></tr><tr><td>Low Growth</td><td>0.50</td><td>15%</td><td>18%</td></tr><tr><td>High Grwoth</td><td>0.10</td><td>20%</td><td>26%</td></tr></table>	State of Economy	Probability	Shares of ABC	Shares of XYZ	Recession	0.10	5%	0%	Stagnation	0.30	10%	8%	Low Growth	0.50	15%	18%	High Grwoth	0.10	20%	26%	(15)																						
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- Calculate Expected return on Shares of ABC and XYZ
- Calculate Standard Deviation of ABC and XYZ
- Which Stock you would prefer for the purpose of investment

B) Ms. Naina is considering investment in one of the following Bonds (7 Marks)

Bond	Coupon Rate	Maturity	Price/Rs. 100 Par Value
Bond "P"	11%	10 Years	RS. 75
Bond "Q"	12%	7 Years	Rs. 68

Recommend which bond should be purchased. Will your answer change if the required rate of return is 22%.

**OR**

C) Explain the meaning of the Term Portfolio Management and objectives of portfolio management. (8Marks)

D) Define Mutual Fund and Explain different Types of Equity Funds. ( 7 Marks )

**Q.3** Attempt the following:

A) Define the Term Estate Planning and need for Estate Planning. ( 8 Marks)

B) What do you mean by Exchange Traded Fund? Explain its advantages (7 Marks)

**OR**

C) Explain the term REIT and different types of REIT's (8 Marks)

D) What is Risk and Return Trade Off.? Explain with the help of diagram.

(7 Marks)

(15)

**Q.4** Attempt the following: (5 X 3 Marks):

a) What is PEG Ratio? Explain with an example.

b) Mr. Anil purchased shares of 500 shares of Ambhuja Ltd at Rs. 450/- each on 1.1.2020 and sold all the shares at Rs. 825/- on 1.1.22. Is the investment profitable if Risk free rate of return is 8%.

c) What do you mean by Skimming?

d) What is the principle of Contribution?

e) Mr. Raj had a policy of Rs. 50,000. After paying 6 annual Premium at the rate of Rs. 25.15 per thousand he surrenders the policy. The insurance company granted him a surrender value of 35% of the Premium paid excluding 1<sup>st</sup> year premium. Find out the surrender value, he is entitled for.

(15)





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<b>Semester (October 2022 to March, 2023)</b>			
<b>Examination: End Semester Examination March 2023 (UG Programmes)</b>			
<b>Programme code:05</b>		<b>Class: TYBBF</b>	<b>Semester: VI</b>
<b>Programme: Banking &amp; Finance</b>			
<b>Name of the Constituent College:</b> <b>S K Somaiya College</b>		<b>Name of the Department: Accounting &amp; Finance</b>	
<b>Course Code: 131U06V501</b>		<b>Name of the Course: Financial Planning and Investments</b>	
<b>Duration : 2 Hrs.</b>		<b>Maximum Marks : 60</b>	
<b>Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary 3) Use of Simple Calculator is allowed</b>			

Q. No.		Max. Marks																								
Q.1	<p><b>Answer the following</b></p> <p>A) What do you mean by UPI and explain the upcoming features of UPI 2.0. <b>(8 Marks)</b></p> <p>B) Discuss detail the procedure to obtain Car Loan including loan for second hand car. <b>(7 Marks)</b></p> <p style="text-align: center;"><b>OR</b></p> <p>C) Rugved is considering to invest in Project with a cost of Rs. 3,00,000 with no scrap value and useful life of 5 years. Following are the estimated incomes before depreciation. <b>( 8 Marks )</b></p> <table><tr><th>Year</th><th>Income before Depreciation and Tax</th></tr><tr><td>1</td><td>70,000</td></tr><tr><td>2</td><td>85,000</td></tr><tr><td>3</td><td>1,05,000</td></tr><tr><td>4</td><td>1,20,000</td></tr><tr><td>5</td><td>95,000</td></tr></table> <p>Considering rate of Taxation at 30% and Discounting factor at 10%, advice Mr. Rugved regarding acceptability of the project under Net Present Value Method. (Discount factors of Rs.1 at 10% : 0.9091, 0.8264, 0.7513, 0.6830, 0.6209)</p> <p>D) Devdatta is considering investment in one of the following bonds: <b>(7 Marks)</b></p> <table><tr><th>Bond</th><th>Coupon rate</th><th>Maturity</th><th>Price Rs. 100 par value</th></tr><tr><td>Bond X"</td><td>11%</td><td>10 Years</td><td>Rs. 75</td></tr><tr><td>Bond Y"</td><td>12%</td><td>7 years</td><td>Rs. 68</td></tr></table> <p>Recommend which bond should be purchased.</p>	Year	Income before Depreciation and Tax	1	70,000	2	85,000	3	1,05,000	4	1,20,000	5	95,000	Bond	Coupon rate	Maturity	Price Rs. 100 par value	Bond X"	11%	10 Years	Rs. 75	Bond Y"	12%	7 years	Rs. 68	(15)
Year	Income before Depreciation and Tax																									
1	70,000																									
2	85,000																									
3	1,05,000																									
4	1,20,000																									
5	95,000																									
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Bond X"	11%	10 Years	Rs. 75																							
Bond Y"	12%	7 years	Rs. 68																							

**Q.2****Attempt the following:****(15)**

A) Following are the returns on Abhinay Ltd and Akshar Ltd. **( 8 Marks )**

Year	Abhinay Ltd	Akshar Ltd	Market
1	13	13	15
2	14	14	16
3	13	10	15
4	12	11	14

You are required to calculate beta factors for above securities and advance which one is safer.

B) Bipin purchased 100 shares of Atlantic Ltd four years ago at Rs 500 each. The rate of brokerage was 1% on purchase as well as on sales. The company paid the following dividends: **( 7 Marks )**

Year	1	2	3	4
Dividend per share	2.00	2.00	2.50	3.00

The current market price of the share is Rs. 750. What is holding period returns and Annualized returns on shares owned by Mr. Bipin.

**OR**

C) Discuss different criteria for selection of mutual fund schemes. **(8Marks)**

D) Explain different tax saving investments available for financial planning. **( 7 Marks )**

**Q.3****Attempt the following****(15)**

A) What do you mean by General Insurance and explain types of General Insurance in brief. **( 8 Marks )**

B) Explain different objectives of Retirement Planning. **(7 Marks)**

**OR**

C) Define Insurer and Insured. Explain rights and responsibilities of Insured. **(8 Marks)**

D) What is the need for risk profiling. Explain the factors influencing the investor's risk profile. **(7 Marks)**

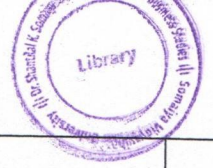
**Q.4****Attempt the following: ( 5 X 3 Marks):****(15)**

a) Mr. Chanchal provides following details:

	A Ltd	B Ltd
Investment	10,000	10,000
Standard Deviation	24%	16%
Correlation	1	

Find out the Standard deviation of portfolio.





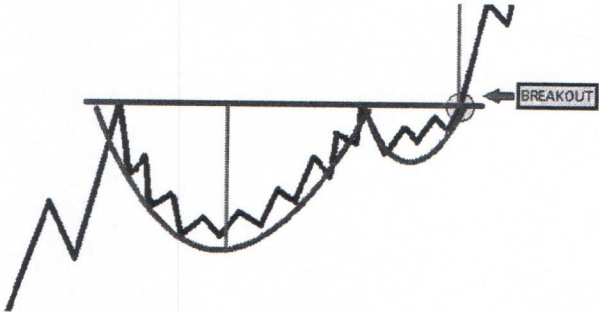
- b) What is the difference between surrender value and paid up value
- c) Mr. Jay took a policy of Rs. 1,00,000 with a tabulated premium of Rs.35.05 per thousand he has to pay extra Rs. 2 per thousand due to his physical impairment company offers a reduction of Rs 3 per thousand for a policy with sum assured more than Rs. 50,000. Find the next quarterly premium that Mr. Jay will pay.
- d) Mr. Nirav invested Rs. 1,00,000 @ 12% p.a. with Tata Sons Ltd for a period of 5 years. What will be the maturity value, he will receive.
- e) What do you mean by Smishing and Vishing with reference to online frauds?



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<b>Semester (November 2022 to March 2023)</b>			
<b>Examination: End Semester Examination March/ April 2023 (UG Programmes)</b>			
<b>Programme code: 05</b>		<b>Class: TYBBF</b>	<b>Semester: VI</b>
<b>Programme: BBF</b>			
<b>Name of the Constituent College:</b> S K Somaiya College		<b>Name of the Department: Accounting and Finance</b>	
<b>Course Code: 131U06C503</b>		<b>Name of the Course: Technical Analysis</b>	
<b>Duration : 2 Hrs.</b>		<b>Maximum Marks : 60</b>	
<b>Instructions: 1)All questions are compulsory. 2) Figures to the right indicate full marks</b>			

Question No.		Max. Marks
Q1 (a)	Highlight the properties of the MACD indicator.	07 Marks
Q1 (b)	Draw and explain Hammer and Hanging man chart patterns.	08 Marks
	OR	
Q1 (c)	Explain the different types of triangles formed on charts	15 Marks
Q2 (a)	Discuss the principles of Dow Theory.	07 Marks
Q2 (b)	Describe Bullish Engulfing and Bearish Engulfing candlestick patterns.	08 Marks
	OR	
Q2 (c)	Explain Parabolic SAR and RSI with diagrams.	15 Marks
Q3(a)	Compare the various trading styles.	07 Marks
Q3 (b)	 <p>From the above figure, identify and analyze the chart pattern.</p> <p>OR</p>	08 Marks
Q3 (c)	Write a note on risk management in trading.	07 Marks
Q3 (d)	Describe the psychology of traders.	08 Marks
Q4(a)	<b>Conceptual Questions: (03 Marks Each: All questions are Compulsory)</b> i. Breakaway Gap ii. Doji iii. Three White Soldiers iv. Trend Line v. Stop Loss	15 Marks





<b>Semester (November 2022 to March 2023)</b>			
<b>Examination: End Semester Examination March/April 2023 (UG Programmes)</b>			
<b>Programme code: 05</b>		<b>Class: TYBBF</b>	<b>Semester: VI</b>
<b>Programme: Banking &amp; Finance</b>			
<b>Name of the Constituent College: S K Somaiya College</b>		<b>Name of the Department: Accounting and Finance</b>	
<b>Course Code: 131U05C602</b>		<b>Name of the Course: Central Banking and Monetary policy</b>	
<b>Duration: 2 Hrs.</b>		<b>Maximum Marks: 60</b>	
<b>Instructions: 1) Attempt all questions 2) Draw neat diagrams wherever necessary</b>			

<b>Question No.</b>		<b>Max. Marks</b>
Q.1	a. Describe the regulatory functions of RBI. b. Describe the recent technological development in Indian banking system. Or c. Enumerate the development of Indian financial system.	(8) (7) (15)
Q.2	a. Explain Asian Development Bank and its organization structure along with its area of operation. b. Enumerate the Federal Reserve System in detail. Or c. Analyse IMF objectives and its financial assistance to countries during pandemic.	(8) (7) (15)
Q.3	a. Evaluate the quantitative and qualitative instruments of RBI to control money flow in the market. Or b. Discuss the recent changes in monetary policy by RBI.	(15) (15)
Q.4	<b>Conceptual questions (5 marks each)</b> a. IBRD. b. Pure interest and Gross interest. c. Expectation theory of Interest.	(15)





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Semester (November 2022 to March 2023)		
Examination: End Semester Examination March/April 2023 (UG Programmes)		
Programme code: 05	Class: TYBBF	Semester: VI
Programme: Banking & Finance	Name of the Department: Accounting & Finance	
Name of the Constituent College: S K Somaiya College	Name of the Course: Risk Management in Banks	
Course Code: 131U05V603	Maximum Marks: 60	
Duration: 2 Hrs.	Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary 3)	

Question No.		Max. Marks
Q.1	a. What is Risk Management? Explain the process of risk management in brief.	07
	b. List down risk indicators.	08
	Or	
	c. Write a note on Gap Analysis.	07
Q.2	d. Illustrate the structure of risk organization.	08
	a. Explain Credit Risk Management with its objectives.	07
	b. List down the steps required to adopt the advanced approaches under Basel II/III.	08
	Or	
Q.3	c. Explain RBI guidelines on the credit rating framework in Banks.	07
	d. Write a note of Risk Pricing.	08
	a. Define Operational risk. List down likely forms of operational risk.	07
	b. What are the policy requirements for SPOR?	08
Q.4	Or	
	c. Explain requirements for effective control/mitigation of operational risk.	07
	d. What is Market Risk? How to identify market risk?	08
	Conceptual Questions. (3 Marks Each)	15
	a. Net Interest Income Risk	
	b. Asset Liability Management	
	c. Risk Rating	
	d. Interest rate Swaps	
	e. Disaster Recovery Plan	



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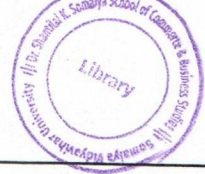


B131F-VI


Semester (November 2022 to March 2023)			
Examination: End Semester Examination March/April 2023 (UG Programmes)			
Programme code: 05		Class: TYBBF	Semester: VI
Programme: Banking & Finance			
Name of the Constituent College: S K Somaiya College		Name of the Department: Accounting & Finance	
Course Code: 131U05V603	Name of the Course: Risk Management in Banks		
Duration: 2 Hrs.	Maximum Marks: 60		
Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary 3)			

Question No.		Max. Marks
Q.1	a. Explain the ways of risk mitigation.	07
	b. List down risk indicators.	08
	Or	
	c. Explain measures for identifying and controlling market risk.	07
Q.2	d. Explain measures for identifying and controlling Net Interest Income Risk (NII).	08
	a. What is Bank for the purpose of Basel Accord?	07
	b. Explain Prudential Limits for credit Risk?	08
	Or	
Q.3	c. What is and is not included in CIR.	07
	d. Write a note of Risk Rating.	08
	a. What are the critical components of Information Security.	07
	b. Explain strategic approach for ORM.	08
Q.4	Or	
	c. How to use Options for Hedging.	07
	d. Explain Equity Price Risk.	08
	Conceptual Questions. (3 Marks Each)	15
	a. Bank for International Settlement	
	b. Interest Rate Risk	
	c. Duration of Bond	
	d. Value at Risk (VaR)	
	e. Advanced Measurement Approach (AMA)	





Semester (November 2022 to March 2023)		
Examination: End Semester Examination March/ April 2023 (UG Programmes)		
Programme code: 05		
Programme: BBF	Class: TYBBF	Semester: VI
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting and Finance	
Course Code: 131U06C503	Name of the Course: Technical Analysis	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: 1) All questions are compulsory. 2) Figures to the right indicate full marks		

Question No.		Max. Marks
Q1 (a)	Define Gap theory. Write a note on Island reversals. OR	15 Marks
Q1 (c)	State the merits and demerits of technical analysis.	07 Marks
Q1 (d)	Discuss the uses of Stochastic and Bollinger Bands indicators.	08 Marks
Q2 (a)	Draw and explain flag patterns formed on charts.	07 Marks
Q2 (b)	 <p>Analyze and explain the chart pattern from the image above. OR</p>	08 Marks
Q2 (c)	Discuss any four one candlestick patterns	15 Marks
Q3(a)	As a trader will you prefer Trend lines for buying and selling stocks? Substantiate your answer with relevant reasons.	07 Marks
Q3 (b)	Elaborate the different types of moving averages. OR	08 Marks
Q3 (c)	Compare the various trading styles.	07 Marks
Q3 (d)	Write a note on risk management in trading.	08 Marks
Q4(a)	<b>Conceptual Questions: (03 Marks Each: All questions are Compulsory)</b> i. RSI ii. Marubozu iii. Morning Star Pattern iv. Pennant Pattern v. Resistance	15 Marks