



# 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: II</b>
	<b>MAR/APR-2023</b>

Sr. No.	Subject	Available
1.	131U05N201 – Professional Communication Skills	
2.	131U05C202 – Financial Accounting II	
3.	131P24C202 – Business Finance	
4.	131U05C203 – Quantitative Methods II (A)	
5.	131U05C204 – Managerial Economics (A)	
6.	131U05C204 – Managerial Economics (B)	
7.	131U05C203 – Quantitative Methods II (B)	
8.	131U05K201 – Computer Skill	
9.	131U05C201 – AML & KYC	
10.		
11.		
12.		
13.		
14.		



LIBRARY



**SOMAIYA**  
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Semester (January 2023 to April 2023)		
Examination: End Semester Examination March/April 2023 (UG/PG Programmes)		
Programme code: 05 Programme: Banking & Finance	Class: FY	Semester: II
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting and Finance	
Course Code: 131U05N201	Name of the Course: Professional communication skills	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1) Figures to the right indicates the full marks.		

Question No.		Max. Marks	Co Attainment
Q.1	(A) Examine different parts or sections of a letter in detail along with a format.	15	CO3
	OR		
	(B) Describe the biological barriers in communication.	07	CO2
	(C) Enumerate the various types of communication channels.	08	CO2
Q.2	(A) Explain the role of chairman in the meeting.	05	CO4
	(B) Draft the notice with agenda for a meeting of the board of directors of a limited company.	10	CO4
	OR		
Q.3	(C) Draft a sales letter to promote the sales of a luxury apartment.	15	CO3
	(A) You are interested in a short-term course in graphics during the holidays. Write a letter to the Director of Fortune Graphics Computers inquiring about the same.	15	CO3
	OR		
Q.4	(B) Enunciate telephone and online interviews as different formats of interviews.	15	CO4
	<u>Explain the concepts: (3 marks each)</u>	15	
	1. Selection Interview. 2. Notice. 3. Encoding and decoding 4. Organizational barriers 5. Feedback in communication		CO4 CO4 CO2 CO2 CO2





**SOMAIYA**  
VIDYAVIHAR UNIVERSITY



Semester - April 2023			
Examination: End Semester Examination April 2023 (UG Programmes)			
Programme code: 01		Class: FY	Semester: II
Programme: B.com (Banking and Finance)			
Name of the Constituent College: S K SOMAIYA COLLEGE		Name of the Department: ACCOUNTING AND FINANCE	
Course Code: 131U05C202	Name of the Course: FINANCIAL ACCOUNTING - II		
Duration : 2 Hrs.	Maximum Marks : 60		
Instructions: 1. Only simple calculator is allowed. 2. Question no 4 is compulsory.			

Q. No.		Max Marks	Co Attainment																																																								
Q.1.	<p>A. The following particulars are available in respect of the business carried on by a trader :</p> <p>a) Profits earned for the years:</p> <table><tr><td>2014</td><td>Rs.50,000</td></tr><tr><td>2015</td><td>Rs.60,000</td></tr><tr><td>2016</td><td>Rs.55,000</td></tr></table> <p>b) Normal rate of return = 10%.</p> <p>c) Capital Employed = Rs.3,00,000.</p> <p>d) Present value of an annuity of one rupee for 5 years at 10% = Rs.3.78.</p> <p>e) The profits included non-recurring profits on an average basis of Rs.3,000.</p> <p>You are required to calculate the value of goodwill:</p> <ol style="list-style-type: none"><li>As per 3 years purchase of average profit.</li><li>capitalization of average profit</li><li>Present value of Annuity.</li><li>As per five years purchase of Super-profits.</li><li>As per capitalization of super-profits method.</li></ol> <p style="text-align: right;">(15 Marks)</p> <p style="text-align: center;">OR</p> <p>B. The following is the Balance Sheet of Delton Ltd, as on 31.12.2021 :</p> <table><tr><th>Liabilities</th><th>Rs.</th><th>Assets</th><th>Rs.</th></tr><tr><td>6,000 Equity Shares of Rs.100 each</td><td>27,00,000</td><td>Cash at Bank</td><td>2,25,000</td></tr><tr><td>500 6% Debentures of 100 each</td><td>22,50,000</td><td>Sundry Debtors</td><td>3,60,000</td></tr><tr><td>General Reserve</td><td>3,15,000</td><td>Stock</td><td>5,40,000</td></tr><tr><td>Profit and Loss</td><td>90,000</td><td>Investments</td><td>4,50,000</td></tr><tr><td>Sundry Creditors</td><td>1,35,000</td><td>Land and Buildings</td><td>18,45,000</td></tr><tr><td>Proposed dividend</td><td>45,000</td><td>Furniture</td><td>2,70,000</td></tr><tr><td></td><td></td><td>Goodwill</td><td>3,15,000</td></tr><tr><td></td><td></td><td>Plant and Machinery</td><td>15,30,000</td></tr><tr><td></td><td>55,35,000</td><td></td><td>55,35,000</td></tr></table> <p>All the assets were independently valued at Rs.62,10,000. The company earned net profits after tax for the last five years as follows:</p> <table><tr><th>Year</th><th>Rs.</th></tr><tr><td>2017</td><td>3,60,000</td></tr><tr><td>2018</td><td>3,78,000</td></tr><tr><td>2019</td><td>4,14,000</td></tr><tr><td>2020</td><td>3,96,000</td></tr></table>	2014	Rs.50,000	2015	Rs.60,000	2016	Rs.55,000	Liabilities	Rs.	Assets	Rs.	6,000 Equity Shares of Rs.100 each	27,00,000	Cash at Bank	2,25,000	500 6% Debentures of 100 each	22,50,000	Sundry Debtors	3,60,000	General Reserve	3,15,000	Stock	5,40,000	Profit and Loss	90,000	Investments	4,50,000	Sundry Creditors	1,35,000	Land and Buildings	18,45,000	Proposed dividend	45,000	Furniture	2,70,000			Goodwill	3,15,000			Plant and Machinery	15,30,000		55,35,000		55,35,000	Year	Rs.	2017	3,60,000	2018	3,78,000	2019	4,14,000	2020	3,96,000	15	CO1
2014	Rs.50,000																																																										
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	<table><tr><td>2021</td><td>4,32,000</td></tr></table> <p>It was decided to set aside 15% of the profits towards General Reserve. This proportion was considered reasonable in the industry in which the company was engaged and where a fair investment return may be taken at 10%.</p> <p><b>Find out the value of equity shares of the company by the:</b></p> <p><b>(a) Assets Valuation Method.</b></p> <p><b>(b) Yield Valuation Method.</b></p> <p><b>(c) Fair value.</b> (15 Marks)</p>	2021	4,32,000																																								
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Q.2.	<p>A. The following is the Balance sheet of Kushal Ltd as at 31st March, 2019.</p> <p style="text-align: center;"><b>Balance Sheet</b></p> <table><tr><th>Liabilities</th><th>Rs.</th><th>Assets</th><th>Rs.</th></tr><tr><td>Share Capital:-</td><td></td><td>Fixed assets (WDV)</td><td>6,10,000</td></tr><tr><td>40,000 Eq. Shares of ₹.100 each</td><td>4,00,000</td><td>Stock in trade</td><td>1,60,000</td></tr><tr><td>1,000 12% pref. Shares of ₹.100</td><td>1,00,000</td><td>Sundry debtors</td><td>1,20,000</td></tr><tr><td>Reserve and Surplus</td><td>1,00,000</td><td>Bills receivable</td><td>25,000</td></tr><tr><td>12% Debentures</td><td>2,00,000</td><td>Cash and Bank</td><td>35,000</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>Creditors</td><td>1,20,000</td><td></td><td></td></tr><tr><td>Overdraft</td><td>30,000</td><td></td><td></td></tr><tr><td></td><td>9,50,000</td><td></td><td>9,50,000</td></tr></table> <p>From the above information, you are required to compute the following ratio:-</p> <p>1) Current ratio</p> <p>2) Liquid ratio</p> <p>3) Capital gearing Ratio.</p> <p>3) Stock working capital Ratio.</p> <p>5) Debt Equity ratio</p> <p>6) Preoperatory Ratio. (15 Marks)</p> <p style="text-align: center;"><b>OR</b></p> <p>B. Extend Ratio Analysis? Classify ratios ? (15 Marks)</p>	Liabilities	Rs.	Assets	Rs.	Share Capital:-		Fixed assets (WDV)	6,10,000	40,000 Eq. Shares of ₹.100 each	4,00,000	Stock in trade	1,60,000	1,000 12% pref. Shares of ₹.100	1,00,000	Sundry debtors	1,20,000	Reserve and Surplus	1,00,000	Bills receivable	25,000	12% Debentures	2,00,000	Cash and Bank	35,000					Creditors	1,20,000			Overdraft	30,000				9,50,000		9,50,000	15	CO4
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Q.3.	<p>A. Prepare the Profit and Loss statement of Currency Bank Ltd for the year ended 31-3-21.</p> <table><tr><th>PARTICULARS</th><th>Rs.</th></tr><tr><td>Interest on loan</td><td>15,40,000</td></tr><tr><td>Establishment charges</td><td>2,40,000</td></tr><tr><td>Interest on cash credit</td><td>11,25,000</td></tr><tr><td>Rent and Rates</td><td>1,25,000</td></tr><tr><td>Director's fees</td><td>32,500</td></tr><tr><td>Interest on savings a/c</td><td>3,58,000</td></tr><tr><td>Interest on Fixed deposits</td><td>11,25,000</td></tr><tr><td>Commission Received</td><td>56,000</td></tr><tr><td>Discount on bill discounted</td><td>8,19,000</td></tr><tr><td>Interest on current a/c</td><td>3,75,000</td></tr><tr><td>Auditor's fees</td><td>8,000</td></tr><tr><td>Postage</td><td>6,000</td></tr><tr><td>Printing and stationery</td><td>11,000</td></tr><tr><td>Sundry Expenses</td><td>13,000</td></tr></table> <p><b>Additional Information:</b></p> <p>a. Advances irrecoverable Rs. 2,00,000.</p> <p>b. Provision for tax to be made at Rs.4,000.</p> <p>c. Transfer 25% to statutory Reserve.</p> <p>d. Rebate on bill discounted on 31-3-21 accounts to Rs. 1,40,000. (15 Marks)</p> <p style="text-align: center;"><b>OR</b></p>	PARTICULARS	Rs.	Interest on loan	15,40,000	Establishment charges	2,40,000	Interest on cash credit	11,25,000	Rent and Rates	1,25,000	Director's fees	32,500	Interest on savings a/c	3,58,000	Interest on Fixed deposits	11,25,000	Commission Received	56,000	Discount on bill discounted	8,19,000	Interest on current a/c	3,75,000	Auditor's fees	8,000	Postage	6,000	Printing and stationery	11,000	Sundry Expenses	13,000	15	CO3										
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	<b>B. Sundaram Ltd furnishes you with the following Trial Balance as on 31<sup>st</sup> March 2023</b>				
	<b>Particulars</b>	<b>Debit</b>	<b>Credit</b>		
	Equity shares		25,00,000		
	Capital Redemption Reserve		10,00,000		
	Interim Dividend paid	90,000			
	Opening general Reserve		13,35,000		
	Cash	10,000			
	ICICI Bank	50,000			
	Debtors	21,00,000	1,00,000		
	Provision for Bad Debts				
	Advance against salary	75,000			
	Prepaid Expenses	25,000			
	Income received in Advance		30,000		
	Sundry creditors		5,00,000		
	Fixed assets at cost	39,00,000			
	Provision for depreciation on Fixed Assets		7,70,000		
	Inventory	10,00,000			
	Advance Payment of Tax	3,00,000			
	Tax provision		2,75,000		
	GST payable		40,000		
	Net Profit for CY		50,000		
	Profit and loss account		9,50,000		
		<b>75,50,000</b>	<b>75,50,000</b>		
	<b>Additional Information:</b>				
	i. Authorised Capital Rs.50,00,000.				
	ii. The Directors have proposed equity dividend @20%.				
	iii. Transfer Rs. 3,50,000.				
	iv. Out of the debtors Rs.1,00,000 are outstanding for a period exceeding six months.				
	<b>You are required to prepare Balance sheet of Sundaram Ltd.</b>			<b>(15 Marks)</b>	
<b>Q.4.</b>	<b>Attempt the following.</b>			<b>05 Marks Each</b>	<b>15</b>
	<b>A. Following are the balances from Trial balance of a company as on 31<sup>st</sup> March 2021.</b>				
	<b>Particulars</b>	<b>Dr Rs.</b>	<b>Cr Rs.</b>		
	Fixed Assets at cost				
	Plant and Machinery	10,00,000			
	Goodwill	7,50,000			
	Furniture	4,00,000			
	Provision for Depreciation (up to 31 <sup>st</sup> March 2020)				
	Plant and Machinery		2,50,000		
	Furniture and Fixture		37,500		
	<b>Additional information :</b>				
	Company provides depreciation on Reducing balance method @10 % on Plant and Machinery and 12% on Furniture.				
	<b>Prepare table of Fixed assets for the year ended 31<sup>st</sup> March 2021.</b>				
	<b>B. The following is an extract from the Trial Balance of IDBI bank Ltd as at 31<sup>st</sup> March 2018.</b>				
	<b>Particulars</b>	<b>Debit</b>	<b>Credit</b>		
	Bills Discounted	1,54,50,000			
	Rebate on Bills discounted not yet due, April1, 2017		91,503		
	Discount Received		4,36,500		
	<b>An analysis of the bills discounted as shown above is as follows:</b>				

Date of Bill	Amount	Term	Rate of Discount		
13 <sup>th</sup> Jan 18	22,50,000	4 Months	12%		
17 <sup>th</sup> Feb 18	18,00,000	3 Months	10%		
6 <sup>th</sup> Mar 18	12,00,000	4 Months	11%		
16 <sup>th</sup> Mar 18	6,00,000	2 Months	10%		
Find out the amount of discount received to be credited to Profit and loss a/c.					
C. Illustrate purchased and Inherent goodwill.					CO1





**SOMAIYA**  
VIDYAVIHAR UNIVERSITY



Semester (January 2023 to April 2023)		
Examination: End Semester Examination March/April 2023 (UG/PG Programmes)		
Programme code: 24	Class:	Semester: II
Programme: Banking & Finance	FYMBF	
Name of the Constituent College: S K Somaiya College		Name of the Department: Accounting & Finance
Course Code: 131P24C202	Name of the Course: Business Finance	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary 3)		

Question No.		Max. Marks	Co Attainment																																	
Q.1	a. What are the financial market infrastructures regulated by RBI. b. What are the powers and functions of SEBI as a regulatory body? Or c. Explain the fund and non-fund-based services in details.	07 08 15	01 01 01																																	
Q.2	a. What is a non-convertible debenture? What are the points investors should consider before investing in a non-convertible investor. b. Explain the methods of Venture Capital financing. Or c. Explain the types of dividend policy. d. Explain the advantages and disadvantages of lease financing.	07 08 07 08	02 02 01 02																																	
Q.3	a. What is Receivable Management? Discuss the cost associated with extension of credit. b. Explain the factor determining working capital requirements. Or c. ABC Ltd. Has got upto ₹ 20,000 to invest in a project. The following proposals are under consideration. <table border="1"><thead><tr><th>Project</th><th>Investment Outlay</th><th>Annual cash flow</th></tr></thead><tbody><tr><td>A</td><td>10,000</td><td>2,000</td></tr><tr><td>B</td><td>8,000</td><td>2,600</td></tr><tr><td>C</td><td>4,000</td><td>1,000</td></tr><tr><td>D</td><td>10,000</td><td>2,400</td></tr><tr><td>E</td><td>5,000</td><td>1,125</td></tr><tr><td>F</td><td>6,000</td><td>2,400</td></tr></tbody></table> d. Calculate Net Present Value using Risk adjusted discount rate for an investment project having the following cash inflows. Initial investment is of ₹ 4,00,000. <table border="1"><thead><tr><th>Year</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th></tr></thead><tbody><tr><td>Cash Inflow</td><td>80,000</td><td>1,00,000</td><td>1,25,000</td><td>1,10,000</td><td>1,10,000</td></tr></tbody></table> Risk Adjusted Discount Rate: 8%	Project	Investment Outlay	Annual cash flow	A	10,000	2,000	B	8,000	2,600	C	4,000	1,000	D	10,000	2,400	E	5,000	1,125	F	6,000	2,400	Year	1	2	3	4	5	Cash Inflow	80,000	1,00,000	1,25,000	1,10,000	1,10,000	07 08 07 08	01 01 03 03
Project	Investment Outlay	Annual cash flow																																		
A	10,000	2,000																																		
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Year	1	2	3	4	5																															
Cash Inflow	80,000	1,00,000	1,25,000	1,10,000	1,10,000																															



Q.4	Conceptual Questions (3 Marks Each)	15	
	a. Hire Purchase		02
	b. Stock Dividend		01
	c. Net Working Capital		01
	d. Operating Lease		02
	e. EOQ		01





**SOMAIYA**  
VIDYAVIHAR UNIVERSITY



Semester (January 2023 to April 2023)			
Examination: End Semester Examination March/April 2023 (UG/PG Programmes)			
Programme code: 05		Class: FYBBF	Semester: II
Programme: Banking & Finance			
Name of the Constituent College: S K Somaiya College		Name of the Department: Accounting & Finance	
Course Code: 131U05C203	Name of the Course: Quantitative Methods II		
Duration : 2 Hrs.	Maximum Marks : 60		
Instructions: 1)Draw neat diagrams			
2)Assume suitable data if necessary			
3) Use for $\alpha = 5\%$ $Z_{\alpha/2} = 1.96$ and for $\alpha = 1\%$ $Z_{\alpha/2} = 1.64$			

Question No.		Max. Marks	Co Attainment
Q.1	a) Given $A = \begin{bmatrix} 2 & 3 \\ 1 & 4 \end{bmatrix}$ and $B = \begin{bmatrix} 5 & 4 \\ 2 & 1 \end{bmatrix}$ verify $(AB)^{-1} = B^{-1}A^{-1}$ .	07	CO2
	b) If $A = \begin{bmatrix} 1 & 0 & 0 \\ 3 & 3 & 0 \\ 5 & 2 & -1 \end{bmatrix}$ then find $A^{-1}$ by adjoint Method.	08	CO2
	OR		
	c) Given $A = \begin{bmatrix} 3 & -1 \\ 2 & 5 \\ 1 & 4 \end{bmatrix}$ , $B = \begin{bmatrix} 7 & 7 \\ 1 & 5 \\ 0 & -6 \end{bmatrix}$ . Compute $A + B$ , $A - B$ , $2A - 7B$ .	07	CO2
	d) If $A = \begin{bmatrix} 2 & 3 \\ 1 & 2 \end{bmatrix}$ find $A^2 - 2A + 3I = 0$ , where $I$ is $2 \times 2$ identity matrix and find cofactor matrix of $A$ .	08	CO2
Q.2	a) Solve the following LPP graphically. Minimize $z = 10x_1 + 5x_2$ Sub to, $2x_1 - x_2 \geq 1$ $x_1 + x_2 \geq 5$ $x_1 \geq 0, x_2 \geq 0$	07	CO2
	b) A manufacturer has three products X, Y and Z. These products are produced on machines M1, M2 and M3. The processing time required per unit of these products are as under:	08	CO2

Product	Processing time per unit (machine hours)			
	M1	M2	M3	
X	3	2	1	
Y	2	3	0	
Z	2	3	0	
Spare Capacity per week (hrs)	240	270	60	

Product X gives a profit of Rs. 15 per unit while products Y and Z generate a profit of Rs. 5 per unit. Formulate the LPP and solve by Simplex method.

OR

c) Solve the following problem by using simplex method.

Maximize  $Z = 2x + 5y$

Sub to,

$$2x + y \leq 20$$

$$3x + 4y \leq 24$$

$$x \geq 0, y \geq 0$$

d) ABC Ltd. Manufacturer tables and chairs. They have just acquired a new workshop that can operate 48 hours a week. Production of a table will required 2 hours and chair will required 3 hours of a production time. Each table will contribute ₹ 40 to profit and a chair contribute ₹ 80. The marketing department has determined that maximum of 15 tables and 10 chairs can be sold every week. Formulate a LP model and determine the optimum product mix of tables and chairs that will maximize profit for the company by using graphical method.

07

CO2

08

CO2





Q.3	a) Khushi invested ₹ 10000 in a Mutual Fund on 15 <sup>th</sup> January 2022 when the NAV was ₹ 63.2435. she redeemed the units on 8 <sup>th</sup> april 2022 with NAV of ₹ 75.4827. There was no entry load or exit load. Find her gain and the rate of return.	07	CO1																				
	b) The following is the information of stock A and stock B under the possible states of nature: <table><tr><th>State of Nature</th><th>Probability</th><th>Return A</th><th>Return B</th></tr><tr><td>1</td><td>0.1</td><td>5</td><td>0</td></tr><tr><td>2</td><td>0.3</td><td>10</td><td>8</td></tr><tr><td>3</td><td>0.5</td><td>15</td><td>18</td></tr><tr><td>4</td><td>0.1</td><td>20</td><td>26</td></tr></table> <p>Calculate the expected return and standard deviation of returns of both the stocks.</p> <p>OR</p>	State of Nature	Probability	Return A	Return B	1	0.1	5	0	2	0.3	10	8	3	0.5	15	18	4	0.1	20	26	08	CO1
	State of Nature	Probability	Return A	Return B																			
	1	0.1	5	0																			
	2	0.3	10	8																			
3	0.5	15	18																				
4	0.1	20	26																				
c) Kashish invested ₹ 24000 in a mutual fund on 6 <sup>th</sup> March 2007. She redeemed all units on 18 <sup>th</sup> July 2007 at 3.14% rate of return when NAV was ₹ 347.4608. If there were no entry or exit loads, Find the NAV on 6 <sup>th</sup> March, 2007.	07	CO1																					
d) Bhoomi invested ₹ 45000 in a mutual fund on 02-02-2020 with NAV of ₹ 85.92 and received a dividend @ 8.5 per unit on 04-05-2020. She redeemed all units on 21- 08 – 2020 when NAV was ₹ 107.54. Find her total gain and rate of return after considering 2.25% entry load on NAV.	08	CO1																					
Q.4	a) The mean height obtained from a sample of size 100 taken randomly from a population is 160cm. If the standard deviation of height of population is 8cm. Test weather the mean height is 163cm. take $\alpha=5\%$ .	07	CO3																				
	b) A coin is tossed 1500 times and it turned up tail 780 times. Can the coin be regarded as a fair coin? Use test of hypothesis with $\alpha = 1\%$ .	08	CO3																				
	c) Explain procedural steps in testing of hypothesis and write a short note on type I error and type II error.	07	CO3																				
	d) 100 peoples were attacked by a disease and 90 survived. Can we say that 85% of people survive if they were attacked by the same disease?	08	CO3																				



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Semester (November 2022 to March 2023)		
Examination: End Semester Examination March/April 2023 (UG Programmes)		
Programme code: 05 Programme: Banking & Finance	Class: FYBBF	Semester: II
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting & Finance	
Course Code: 131U05C204	Name of the Course: Managerial Economics	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1) Draw neat diagrams whenever necessary 2) Assume suitable data if necessary		

Question No.		Max. Marks	CO attainment																				
Q.1	a) Explain the market demand curve with the help of the market demand schedule.	07	01																				
	b) Explain shift in equilibrium price determination.	08	01																				
	Or																						
	c) Discuss merits and demerits of Delphi methods of demand forecasting. d) Explain the cross elasticity of demand.	07 08	02 02																				
Q.2	a) Discuss advantages and disadvantages of marginal cost pricing. b) Explain the factor determining elasticity of demand.	07 08	05 03																				
	Or																						
	c) State and explain the Law of Returns to Scale.	15	03																				
Q.3	a) Explain the features of Oligopoly. b) Explain Non-Linear Break Even Analysis.	07 08	05 05																				
	Or																						
	c) Calculate & state type price elasticity of demand, if price increases from ₹ 800 to ₹ 900 and consequently demand decreases from 150 to 130 units.	07	03																				
	d) Complete the following table with TC, ATC, AFC, AVC and MC.																						
	<table><tr><td>Output</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>TFC</td><td>150</td><td>150</td><td>150</td><td>150</td><td>150</td><td>150</td></tr><tr><td>TVC</td><td>0</td><td>100</td><td>120</td><td>150</td><td>190</td><td>230</td></tr></table>	Output	0	1	2	3	4	5	TFC	150	150	150	150	150	150	TVC	0	100	120	150	190	230	08
Output	0	1	2	3	4	5																	
TFC	150	150	150	150	150	150																	
TVC	0	100	120	150	190	230																	
Q.4	Conceptual Questions. (5 Marks Each)	15																					
	a) Short-run Equilibrium of firm under Monopolistic Competition		05																				
	b) Explicit and Implicit Cost		03																				
	c) Learning Curve		04																				





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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: FYBBF</b>	<b>Semester: II</b>
<b>Programme: Banking &amp; Finance</b>			
<b>Name of the Constituent College: S K Somaiya College</b>		<b>Name of the Department: Accounting &amp; Finance</b>	
<b>Course Code: 131U05C204</b>	<b>Name of the Course: Managerial Economics</b>		
<b>Duration: 2 Hrs.</b>	<b>Maximum Marks: 60</b>		
<b>Instructions: Draw neat diagrams whenever necessary 2) Assume suitable data if necessary</b>			

Question No.		Max. Marks	CO attainment																				
Q.1	a) Discuss the importance of business economics.	07	01																				
	b) Explain Opportunity Cost Principle, Incremental Concepts and Marginal Concepts as basic tools of Business Economics.	08	01																				
	Or																						
	c) Elaborate on short run production function.	07	03																				
	d) Explain the nature of demand curve under different markets.	08	01																				
Q.2	a) What is the demand function? State and graphically explain the relationship between price and quantity demanded.	07	01																				
	b) Explain various types of Income elasticity of demand.	08	02																				
	Or																						
	c) State and explain the Law of Variable Proportion.	15	04																				
Q.3	a) Explain merits and demerits of Consumer's survey methods.	07	03																				
	b) Explain the concepts of learning curve. What is the impact of learning on downward sloping LAC curve?	08	04																				
	Or																						
	c) Calculate Cross elasticity of demand, if price of petrol rises from ₹ 100 per litre to ₹ 120 per litre and consequently demand for car decreases from 1000 to 700 units. Based on that state kind of relationship between the two goods.	07	02																				
	d) Complete the following table with TC, ATC, AFC, AVC and MC.	08	03																				
	<table><tr><td>Output</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>TFC</td><td>100</td><td>100</td><td>100</td><td>100</td><td>100</td><td>100</td></tr><tr><td>TVC</td><td>0</td><td>120</td><td>140</td><td>180</td><td>200</td><td>220</td></tr></table>	Output	0	1	2	3	4	5	TFC	100	100	100	100	100	100	TVC	0	120	140	180	200	220	
Output	0	1	2	3	4	5																	
TFC	100	100	100	100	100	100																	
TVC	0	120	140	180	200	220																	
Q.4	Conceptual Questions. (5 Marks Each)	15																					
	a) Short-run Equilibrium of firm under Perfect Competition		05																				
	b) Selling Cost		05																				
	c) Kinked Demand Curve		05																				



Semester (January 2023 to April 2023)			
Examination: End Semester Examination March/April 2023 (UG/PG Programmes)			
Programme code: 05		Class: FYBBF	Semester: II
Programme: Banking & Finance			
Name of the Constituent College: S K Somaiya College		Name of the Department: Accounting & Finance	
Course Code: 131U05C203		Name of the Course: Quantitative Methods II	
Duration : 2 Hrs.		Maximum Marks : 60	
Instructions: 1) Draw neat diagrams			
2) Assume suitable data if necessary			
3) Use for $\alpha = 5\%$ $Z_{\alpha/2} = 1.96$ and for $\alpha = 1\%$ $Z_{\alpha/2} = 1.64$			

Question No.		Max. Marks	Co Attainment																							
Q.1	a) Explain all the types of Matrices.	07	CO2																							
	b) If $A = \begin{bmatrix} 1 & 3 & 3 \\ 1 & 4 & 3 \\ 1 & 3 & 4 \end{bmatrix}$ then find $A^{-1}$ by adjoint Method.	08	CO2																							
	OR																									
	c) Given $A = \begin{bmatrix} 1 & -1 \\ 2 & 4 \\ 1 & 3 \end{bmatrix}$ , $B = \begin{bmatrix} 2 & 7 \\ 1 & 5 \\ 0 & -2 \end{bmatrix}$ . Compute $A + B$ , $A - B$ , $2A - 7B$ .	07	CO2																							
	d) Show that the matrix $A = \begin{bmatrix} 2 & 3 \\ 1 & 2 \end{bmatrix}$ satisfies the equation $A^2 - 4A + I = 0$ , where $I$ is $2 \times 2$ identity matrix and find adjoint of matrix $A$ .	08	CO2																							
Q.2	a) Solve the following LPP graphically. Minimize $z = 8x_1 + 12x_2$ Sub to, $5x_1 + 2x_2 \geq 20$ $4x_1 + 3x_2 \geq 24$ $x_1 \geq 2, x_2 \geq 0$	07	CO2																							
	b) A manufacturer has three products A, B and C. These products are produced on machines M1, M2 and M3. The processing time required per unit of these products are as under:	08	CO2																							
<table border="1"> <thead> <tr> <th rowspan="2">Product</th><th colspan="3">Processing time per unit(machine hours)</th></tr> <tr> <th>M1</th><th>M2</th><th>M3</th></tr> </thead> <tbody> <tr> <td>A</td><td>3</td><td>2</td><td>1</td></tr> <tr> <td>B</td><td>2</td><td>3</td><td>0</td></tr> <tr> <td>C</td><td>2</td><td>3</td><td>0</td></tr> <tr> <td>Spare Capacity per week (hrs)</td><td>240</td><td>270</td><td>60</td></tr> </tbody> </table>		Product	Processing time per unit(machine hours)			M1	M2	M3	A	3	2	1	B	2	3	0	C	2	3	0	Spare Capacity per week (hrs)	240	270	60		
Product	Processing time per unit(machine hours)																									
	M1	M2	M3																							
A	3	2	1																							
B	2	3	0																							
C	2	3	0																							
Spare Capacity per week (hrs)	240	270	60																							



Product A gives a profit of Rs. 10 per unit while products B and C generate a profit of Rs. 6 per unit. Formulate the LPP and solve by Simplex method.

OR

c) Solve the following problem by using simplex method.

$$\text{Maximize } Z = 2x_1 + 5x_2$$

Sub to,

$$2x_1 + x_2 \leq 20$$

$$3x_1 + 4x_2 \leq 24$$

$$x_1 \geq 0, x_2 \geq 0$$

d) Daily Requirement of two vitamins  $V_1$ ,  $V_2$ , and the mineral M for a certain person is at least 30 units of  $V_1$ , 60 units of  $V_2$ , but not more than 40 units of M. He meets this requirement by taking two brands of tablets A and B.

Tablet A has 3 units of  $V_1$ , 4 units of  $V_2$ , and 1 unit of M.

Tablet B has 1 units of  $V_1$ , 3 units of  $V_2$ , and 2 unit of M.

Tablet A costs ₹ 2 and B costs ₹ 1.

Determine the quantities of A and B he should take to minimize his expenditure using graphical method.

07

CO2

08

CO2

Q.3

a) Kiran invested ₹ 25000 in a Mutual Fund on 1<sup>st</sup> May 2022 when the NAV was ₹ 1073.2568. He redeemed the units on 8<sup>th</sup> July 2022 with NAV of ₹ 1349.6395. There was no entry load or exit load. Find the number of units purchased, the gain and the rate of return.

b) The rate of return on Stocks X and Y under different states of the economy are given below:

	Boom	Normal	Recession
Probability of occurrences	0.35	0.50	0.15
Rate of Return on Stock X(%)	20	30	40
Rate of return on Stock Y(%)	40	30	20

Calculate the expected return and standard deviation of returns of both the stocks.

OR

c) Mr. A has invested equal amounts of Security X and Y. The expected return during the boom and depression with equal

07

CO1

08

CO1

07

CO1



	probability of occurrence are as follows.													
	<table><tr><th rowspan="2">Economic Condition</th><th colspan="2">Expected return of</th></tr><tr><th>Security X</th><th>Security Y</th></tr><tr><td>Boom</td><td>6</td><td>12</td></tr><tr><td>Depression</td><td>15</td><td>5</td></tr></table>	Economic Condition	Expected return of		Security X	Security Y	Boom	6	12	Depression	15	5		
Economic Condition	Expected return of													
	Security X	Security Y												
Boom	6	12												
Depression	15	5												
	Calculate Expected return and standard deviation of each security.													
	d) Mayank invested ₹ 60000 in a mutual fund on 05 March 2021 when its NAV was ₹ 46.1054. On 15 April 2022 he got dividend @ ₹ 3 per unit. He redeemed all units on 21 August 2022 with NAV of ₹ 59.7263. Find his total gain and the rate of return, assuming no entry and exit load	08	CO1											
Q.4	a) The mean diastolic blood pressure for a group of 81 adults was found to be 79.2 mm. Test the hypothesis that the mean diastolic blood pressure is 75 mm. Population Standard deviation is known to be 9 mm.	07	CO3											
	b) A coin is tossed 500 times and it turned up head 260 times. Can the coin be regarded as a fair coin?	08	CO3											
	OR													
	c) Write a short note on test of Hypothesis.	07	CO3											
	d) 200 people were attacked by a disease and 180 survived. Can we say that 85% of people survive if they were attacked by the same disease?	08	CO3											





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BBF-II  
Comp Skill  
K2G

Semester (November 2022 to March 2023)		
Examination: End Semester Examination March/April 2023 (UG Programmes)		
Programme code:05	Class: FY	Semester: II
Programme: Banking & Finance		
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting & Finance	
Course Code: 131U05K201	Name of the Course: Computer Skill	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary 3)		

Question No.		Max. Marks	CO attainment
Q.1	A) Explain the Alignment Group in MS Word.	8	1
	B) What is a Protect Sheet and write down their uses in MS Excel.	7	4
	OR		
	C) What is a Charts and explain their types in MS Excel.	10	4
Q.2	D) What is a Change case in MS Word.	5	1
	A) Explain the Types of Bullets in MS Word.	8	1
	B) What is Animation in MS PowerPoint.	7	2
	OR		
Q.3	C) What is a Format as Table in MS Excel.	10	3
	D) How to Set the Format Background in MS PowerPoint.	5	2
	A) Explain the Sort & Filter option in MS Excel.	8	3
	B) What is Line and Paragraph in MS Word.	7	1
Q.4	OR		
	C) What is Table of Content in MS Word.	10	1
	D) What is Min Formula in MS Excel.	5	3
	Conceptual questions (Write down Steps) (3 Marks Each)	15	
Q.4	A) How to Insert Shapes in MS Word.		1
	B) How to Apply Footer in MS Excel.		3
	C) How to Apply Bold, Underline, Italic in MS PowerPoint.		2
	D) Write down Steps to Applying Division Formula in MS Excel		3
	E) How to Insert Picture in MS Excel.		3



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Semester (November 2022 to March 2023)		
Examination: End Semester Examination March/ April 2023 (UG Programmes)		
Programme code: 05 Programme: BBF	Class: FYBBF	Semester: II
Name of the Constituent College: S K Somaiya College	Name of the Department: Anti Money Laundering and Know Your Customer	
Course Code: 131U05C201	Name of the Course: AML and KYC	
Duration : 2 Hrs.	Maximum Marks : 60	
Instructions: 1)All questions are compulsory. 2) Figures to the right indicate full marks		

Question No.		Max. Marks	Co Attainment
Q1 (a)	State the objectives of PMLA Act.	07 Marks	CO 1
Q1 (b)	Comment on the impact of money laundering OR	08 Marks	CO 1
Q1 (c)	Highlight the role of the BASEL Committee. Elaborate the three lines of defense by BASEL Committee.	15 Marks	CO 2
Q2 (a)	Describe the basic norms for obtaining KYC documents	07 Marks	CO 3
Q2 (b)	Discuss the responsibilities of Branches and Designated Director in implementing KYC policy within Bank. OR	08 Marks	CO 4
Q2 (c)	State the organization structure for KYC and AML in banks	15 Marks	CO 4
Q3(a)	Define Unique Customer Identification Code. How is risk profiling done by Banks?	07 Marks	CO 3
Q3(b)	Comment on the role played by any two regulatory agencies to prevent money laundering. OR	08 Marks	CO 2
Q3 (c)	List the elements of customer identification procedure. What are the customer identification requirements for non face customers and professional intermediaries?	15 Marks	CO 3
Q4(a)	Explain the following concepts: (03 Marks each). i. Terrorist Financing ii. Trade Based Money Laundering iii. Nostro Account iv. Egmont Group v. Offshore Accounts	15 Marks	CO 1 CO 2 CO 2 CO 2 CO 4