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

QUESTION PAPERS

BRANCH: Bachelor of Commerce (Financial Market)	SEM: I
	NOV/DEC-2024

Sr. No.	Subject	Available
1.	231U04C101 – Introduction to Financial Markets	
2.	231U04K101 – Statistical Techniques Logical Reasoning	
3.	231U04C102 – Corporate Accounting	
4.	231U04I102 – Fundamental of Economics	
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Semester (July 2024 to November 2024)			
Examination: End Semester Examination November 2024 (UG/PG Programmes)			
Programme code: 4 **Programme:** BFM		**Class:** FY	**Semester:** I
Name of the Constituent College: S.K. Somaiya College		**Name of the Department :** Accounting and Finance	
Course Code: 231U04C101		**Name of the Course:** Introduction to Financial Markets	
Duration : 2 Hrs.		**Maximum Marks :** 60	
Instructions: All questions carry equal marks. Q1 is compulsory with no internal options.			

Question No.	Questions	Max. Marks	Co Attainment
Q.1	Explain the following concepts (3 marks each) 1. Spot 2. Forward 3. Futures 4. CRR 5. Bonus issue.	15	CO1, CO2, CO3, CO4
Q.2 A)	Discuss the Services provided by financial system	8	CO1
Q2 B)	Give Definition of Financial System and classify the financial institution's types	7	CO1
	OR		
Q2 C)	Differentiate between FPO and IPO. Highlight the functions of capital markets. And list the participants in capital markets.	10	CO2
Q2 D)	Explain the different types of equity share capital that can be issued by a company.	5	CO2
Q.3 A)	What is Forex market and discuss the features of forex markets	8	CO3
Q3 B)	Name 3 companies each in the stock market sectors along with the Pie diagram	7	CO1
	OR		
Q3 C)	Who all are the Participants of forex markets	8	CO3
Q3 D)	What are small finance banks . Name a few & discuss	7	CO1
Q.4 A)	Highlight the Duties and Functions of IRDA	8	CO4
Q4 B)	Elaborate on the divisions of SEBI and powers of SEBI. OR	7	CO4
Q4 C)	What are the other functions of RBI. Also explain the Open market operations of RBI.	8	CO4
Q4 D)	Discuss the Establishment of IRDA. Highlight the objectives of IRDA and its organizational set up.	7	CO4
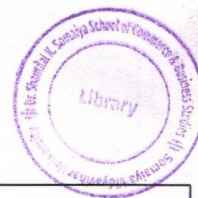
November / December 2024
Examination: End Semester Examination (UG Programme)

Programme code: 04 Programme: Financial Markets	Class: FY	Semester: I

Name of the Constituent College: S K Somaiya	Name of the Department : Commerce

Course Code: 231U04K101	Name of the Course: Statistical Techniques Logical Reasoning
Duration : 2 Hr.	Maximum Marks : 60

Instructions: 1) All questions are compulsory 2) Figures to the right indicate full marks 3) Use of simple calculator is allowed.

Question No.		Max. Marks	CO
	Answer following questions	15	1-4
1.	Find the compound interest on ₹ 48,000 for one year at 8% per annum when compounded half-yearly.		
2.	Find the missing value in the series and find the sum of it, 1, 3, 3, 4, 6, 24, 7, x, 63		
3.	Find Range and its coefficient for following data, 45,32,12,54,67,87,98,12.		
Q2 a)	If the mode for following distribution is 130, find missing frequency.	07	1,2

CI	60-75	75-90	90-105	105-120	120-135	135-150
F	3	3	6	---	7	6

Question No.		Max. Marks	CO
Q2 b)	Find Mean, Standard deviation and Coefficient of variation for following data,	08	1,2

CI	100-110	110-120	120-130	130-140	140-150
F	8	10	15	5	2

	OR		
Q2 a)	Calculate mean and standard deviation of the combined group of 200 items from following data,	07	1,2

	Group 1	Group 2
Number	50	150
Mean	240	220
Variance	196	324

Question No.		Max. Marks	CO
Q2 b)	Prove that median lies between mean and mode for following data,	08	1,2

CI	120-125	125-130	130-135	135-140	140-145	145-150
F	7	10	18	25	13	7

Question No.		Max. Marks	CO
Q3 a)	A committee of 20 members including the president sits around a round table. Find the number of arrangements that two specific people sit beside the president such that president is in the middle.	07	3,4
Q3 b)	A particular sum of money amounts to Rs. 513216 in 2 years and Rs. 554273.28 in 3 years. Find the sum and the compound interest rate.	08	1,2
	OR		
Q3 a)	How many 4-digit numbers can be formed using the numbers 0, 2, 5, 6, 8, 9 if	07	3,4

	a) repetition is not allowed		
	b) divisible by 5 and repetition is not allowed		
Q3 b)	A money lender lent totally Rs. 80000 to two people and charged them 15% and 20% p.a. interest respectively. If in 4 years, he received Rs. 54000 as simple interest, how much did he lend at each rate?	08	1,2
Q4 a)	If a coin is tossed 8 times and getting a head is considered as success, find the probability of getting a) Exactly 2 heads b) At least 4 heads.	07	3,4
Q4 b)	Telephone calls arrive at an exchange and it follows Poisson distribution and the average calls received is 3. Calculate the probability that. (e -3 = 0.0497) a) Exactly two calls will be received b) Atleast 3 calls	08	3,4
	OR		
Q4 a)	Determine the number of arrangements of letters of the word MATHEMATICS. a) Vowels are together b) Vowels are never together	07	3,4

Q4 b)	A box contains 20 tickets numbered from 1 to 20, a ticket is drawn at random from the box. Find probability that the number on ticket drawn is,
	    a) Divisible by 2
	    b) Not divisible by 5
	    c) Divisible by 3 and 4
	    d) Divisible by 3 or 4.
		08	3,4

Semester End – November 2024
Examination: End Semester Examination November 2024 (UG - Programmes)

Programme code: 04				
Programme: Financial Market		Class: FYBFM	Semester: I	
Name of the Constituent College: S K Somaiya College, Somaiya Vidyavihar University		Name of the Department: Accounting and Finance		
Course Code: 231U04C102	Name of the Course: Corporate Accounting			
Duration: 2 Hrs.	Maximum Marks: 60			

Instructions:
1) All Questions are compulsory.
2) Each Question carries 15 marks.
3) Figures to the right indicate marks assigned to the questions.
4) Use of Simple Calculator is allowed

Question No.		Max. Marks	Co
Q.1.	Answer the following Questions:		
a)	XYZ Ltd. invited applications for 5,000 shares of ₹10 each. Applications were received for 7,500 shares. The company decided to allot the shares on a pro-rata basis. Application money received was ₹3 per share. Excess application money was adjusted against the allotment money, which was ₹5 per share. Prepare the Journal entries for the issue of shares and calculation of the amount received on allotment.	(05)	CO1
b)	PQR Ltd. issued 4,000, 12% Debentures of ₹100 each at a discount of 5%. The amount was payable as: ₹50 on application Balance on allotment All the money was received. Pass Journal entries for the issue of debentures.	(05)	CO1
c)	PQR Ltd. purchased business from MNO Ltd. The agreed purchase price was ₹3,00,000, which included the following: Machinery: ₹1,50,000 Furniture: ₹50,000 Stock: ₹1,00,000 The purchase consideration was settled by issuing 3,000, 12% Debentures of ₹100 each at par. Pass Journal entries to record the purchase of the business and the issue of debentures in the books of PQR Ltd	(05)	CO1
Q.2.A]	PQR Ltd. issued 20,000 equity shares of ₹10 each at par. The amounts were payable as follows: ₹4 on application ₹3 on allotment ₹3 on the first and final call All shares were subscribed, and the money was duly received except for the following cases: **Case 1:** Mr. A, holding 500 shares, failed to pay the allotment money and the first and final call money. His shares were forfeited. **Case 2:** Mr. B, holding 1,000 shares, paid the application and allotment money but failed to pay the first and final call money. His shares were also forfeited.	(15)	CO1

The forfeited shares were later reissued as follows:

500 shares (forfeited from Mr. A) were reissued at ₹8 per share, fully paid-up. 1,000 shares (forfeited from Mr. B) were reissued at ₹9 per share, fully paid-up. Pass Journal Entries in the books of PQR Ltd.

OR

Q.2.B] The following is the Trial Balance of XYZ Ltd. as of 31st March 2024: **(15)** CO2

Particulars	Dr (₹)	Cr (₹)
Share Capital (₹10 each)		10,00,000
General Reserve		2,00,000
Profit and Loss Account (Cr.)		1,50,000
Sales		15,00,000
Purchases	9,00,000	
Opening Stock	2,00,000	
Salaries and Wages	1,20,000	
Rent Expenses	60,000	
Interest on Loan	20,000	
Depreciation on Furniture	10,000	
Creditors		3,00,000
Debtors	2,50,000	
Cash at Bank	80,000	
Furniture	1,00,000	
Investment	2,10,000	
Building	3,00,000	
Machinery	5,00,000	
Bills Receivable	1,20,000	
Cash in hand	80,000	
Salary	60,000	
Insurance	70,000	
Repairs	70,000	
	31,50,000	31,50,000

Adjustments:
(a) Closing Stock at the end of the year is ₹2,50,000.
(b) Depreciation on Building and Machinery is to be provided at 10% p.a.
(c) Provision for Tax should be made at 30% of the net profit.
(d) Dividend Payable is ₹50,000.
(e) Transfer to General Reserve of ₹20,000.

Requirements:
a) Prepare the Profit and Loss Account for the year ending 31st March 2024.
b) Prepare the Balance Sheet as of 31st March 2024, in the format prescribed under Schedule III of the Companies Act, 2013.
c) Show all necessary workings.

Q.3.A] The summarized Balance sheet of Nishith Power Ltd. as on 31st March,2017 was as under: **(15)** CO3

Balance sheet as on 31/3/2017

Liabilities	Rs.	Assets	Rs.
Equity share of Rs.10each. Rs.8 per share called up 1,60,000 Less: Calls unpaid 600 (Rs.2 on 300 Shares)	1,59,400	Land & Building	2,00,000
		Plant	2,60,000
		Investments	75,000
8% Redeemable Preference Shares of Rs.100 each fully paid	1,50,000	Sundry Debtors	1,15,000
		Stock	1,20,000
Reserve Fund	2,50,000	Bank	80,000
Securities Premium	40,000		
Profit & Loss A/c	2,00,000		

| | | Sundry Creditors | 50,600 | | | |
| | | | 8,50,000 | 8,50,000 | | |

<table>
<tr><td colspan="2"></td><td>The Directors of a company resolved to:
(1)Realize the Investments at Rs.1,00,000.
(2)Issue 1000 – 8% Debentures of Rs.100 each at a premium of 10%.
(3)Redeem preference shares at a premium of 10%.
All the above resolutions were implemented on 1st April 2017.
You are required to show Journal entries to record the above transactions in the books of a company.</td><td></td><td></td></tr>
<tr><td colspan="4" align="center">OR</td><td></td><td></td></tr>
<tr><td>Q.3.B]</td><td>PQR Ltd. Had issued 20,000 – 10% debentures of ₹100 each, redeemable on 31st March 2024.
The company decided to redeem the debentures in the following manner:

Conversion into Equity Shares:
8,000 debentures were converted into equity shares of ₹10 each, issued at a premium of ₹5 per share.

Conversion into Preference Shares:
6,000 debentures were converted into preference shares of ₹100 each, issued at a premium of ₹10 per share.

Cash Repayment:
The remaining 6,000 debentures were redeemed in cash.

Additional Information:
(a) All debenture holders accepted the offer for conversion or cash payment.
(b) The premium on equity and preference shares was credited to the Securities Premium Account.
(c) The company had a sufficient balance in the Debenture Redemption Reserve to comply with statutory requirements.
Pass Journal entries in the books of PQR Ltd. To record:</td><td>(15)</td><td>CO3</td></tr>
</table>

| Q.4.A] | Following transaction of 10% Debenture of Rs.100 each of Sanju Ltd; appear in the books of Mr. Pointing | (15) | CO4 |

Interest Payable on 30th June and 31st December every year. On 1st April, 2023 he held 1,500 10% Debenture at a cost of Rs.1,45,500. Mr. Pointing provided following details of transaction taken place in the financial year 2023-24:

Date	Transactions
01/05/2023	Purchased 2,250, 10% Debenture at Rs.102 cum interest
01/06/2023	Sold 2,250, 10% Debenture at Rs.103 cum interest
01/11/2023	Purchased 3,375, 10% Debenture at Rs.99 ex-interest
01/12/2023	Sold 2,700, 10% Debenture at Rs.100 ex-interest
01/02/2024	Purchased 1,125, 10% Debenture at Rs.101 Ex-interest
01/03/2024	Sold 2,850, 10% Debenture at Rs.104 cum interest.

You are required to prepare Investment in 10% Debentures Account in the Books of Mr. Pointing for the year ended 31st March 2024.

<table>
<tr><td colspan="2" align="center">OR</td><td></td><td></td></tr>
<tr><td>Q.4.B]</td><td>Sunrise Ltd. provides the following details related to its investments in equity shares of XYZ Ltd. for the year ended 31st March 2024:

Transactions:
Purchase 1: On 1st April 2023, Sunrise Ltd. purchased 1,000 equity shares of XYZ Ltd. at ₹100 each, including brokerage of ₹2 per share.</td><td>(15)</td><td>CO4</td></tr>
</table>

Purchase 2: On 1st July 2023, Sunrise Ltd. purchased another 500 shares at ₹120 each, including brokerage of ₹2 per share.

Right Shares: On 1st October 2023, Sunrise Ltd. subscribed to 300 right shares offered at ₹90 each.

Bonus Shares: On 1st December 2023, the company received bonus shares in the ratio of 1:5 (one bonus share for every five shares held).

Sale: On 1st February 2024, the company sold 600 shares at ₹150 each, incurring brokerage of ₹1 per share.

Additional Information:
Dividend declared by XYZ Ltd. for the financial year 2023-24 is 10%, and it was received on 31st March 2024. Assume the dividend is based on the shares held on 31st December 2023.
Prepare the Investment Account in the books of Sunrise Ltd. for the year ended 31st March 2024.

Semester (Aug 2024 to Nov 2024)

Examination: End Semester Examination November 2024 (UG Programmes)

Programme code: 04 Programme: Financial Market	Class: FYBFM	Semester: I
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting & Finance	
Course Code: 231U04I102	Name of the Course: FUNDAMENTAL OF ECONOMICS	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1) Draw a neat and clean diagram. 2. Use a simple calculator.		

Question No.		Max Marks	Co Attainment
Q.1.	**Atempt the following.** (03 Marks Each)	15	
	a. Discuss the term Antitrust.		CO-04
	b. Superiority of indifference curve analysis.		CO-02
	c. Two indifference curves never intersect with each other.		CO-01
	d. Using following data find out AP and MP		CO-03
	<table><tr><td>Labour</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>TP</td><td>0</td><td>10</td><td>24</td><td>40</td><td>50</td><td>58</td></tr></table>		
	e . Calculate TR, AR and MR from the following information.		CO-03
	<table><tr><td>Quantity</td><td>Price</td></tr><tr><td>0</td><td>12</td></tr><tr><td>1</td><td>10</td></tr><tr><td>2</td><td>9</td></tr><tr><td>3</td><td>8</td></tr><tr><td>4</td><td>7</td></tr></table>		
Q.2.	A. Enumerate features of utility.	08	CO-01
	B. Explore with diagram indifference curve and Indifference map.	07	CO-01
	OR		
	C. Distinguish between income effect and substitution effect.	08	CO-02
	D. Interpret the assumptions of consumers equilibrium in indifference curve analysis.	07	CO-02
Q.3.	A. State in detail the law of return to scale.	15	CO-03
	OR		
	B. Calculate TVC, MC, AFC , AVC and AC using the following information :	08	CO-03
	<table><tr><td>OUTPUT</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>Fixed cost</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td></tr><tr><td>Variable cost</td><td>0</td><td>12</td><td>22</td><td>30</td><td>36</td><td>42</td><td>50</td><td>62</td><td>80</td></tr></table>		
	C. Explain with diagram Loss under perfect competition.	07	CO-03
Q.4.	A. Explain the factors responsible for natural Monopoly.	08	CO-04
	B. Describe the Impact of Creative destruction.	07	CO-04
	OR		
	C. Elaborate concept of new economy? Explain its features and challenges.	15	CO-04