



SOMAIYA

VIDYAVIHAR UNIVERSITY

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

QUESTION PAPERS

BRANCH: Master of Commerce (Banking & Finance)	SEM: IV
	APR-2025

Sr. No.	Subject	Available
1.	231P24C410 – Forensic Accounting & Fraud Examination	
2.	131P23E401 – Financial Planning	
3.	231P24C402 – International Finance	
4.	231P24C403 – Financial Derivatives & Risk Management	
5.	231P24C404 – E Commerce	
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April 2025

Examination: End Semester Examination April 2025 (PG Programmes)

Programme code: 24 Programme: Banking & Finance		Class: SYMBF	Semester: IV
Name of the Constituent College: Dr. Shantilal K Somaiya School of Commerce and Business Studies		Name of the Department: Accounting & Finance	
Course Code: 231P24C401	Name of the Course: Forensic Accounting and Fraud Examination		
Duration: 2 Hrs.	Maximum Marks: 60		
Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary			

Question No.	Q.1 IS COMPULSORY .ALL QUESTIONS CARRY EQUAL MARKS.	Max. Marks	CO Attainment
Q.1	<p>Analyse the Case and answer the following questions.</p> <p>In 2021, JPMorgan Chase & Co., one of the largest financial institutions in the world, acquired Frank, a college financial aid startup, for \$175 million. Founded in 2017 by Charlie Javice, Frank was promoted as a platform that simplified the Free Application for Federal Student Aid (FAFSA) process, helping students secure loans and scholarships. The startup claimed to have a user base of 4.25 million students, making it an attractive investment for JPMorgan, which sought to strengthen its presence in the student banking sector. However, in 2023, it was revealed that Javice had falsified user data to mislead JPMorgan into believing that Frank had a larger customer base than it actually did. The bank discovered the fraud when it sent emails to Frank's supposed customer base, only to find that most of them were invalid email addresses. This prompted an internal investigation, which revealed that Javice had created millions of fake user accounts using fabricated data. She allegedly hired a data scientist to generate fake customer information to support her claims, deceiving JPMorgan during the due diligence process.</p>		CO3.4

	<p>The fraud highlights several issues in the investment and startup ecosystem. One major concern was the lack of stringent verification mechanisms during high-profile acquisitions. JPMorgan, despite its reputation as a leading global bank, failed to thoroughly audit Frank's user database before the purchase. The financial institution relied on the data provided by Javice and did not conduct an independent validation of active users, allowing the fraud to go undetected until after the acquisition. Another issue was the increasing pressure on startup founders to show rapid growth, which often leads to manipulation of key performance metrics.</p> <p>a) Identify the key weaknesses in JPMorgan's due diligence process that allowed the fraud to occur?</p> <p>b) Suggest measures financial institutions should adopt to strengthen their due diligence process and prevent similar frauds in future acquisitions.</p>	07 08	
Q.2	<p>(a) Explain Fraud Diamond in detail.</p> <p>(b) Identify the type of Audit Flags and justify your answer</p> <p>Medilife Pharmaceuticals Ltd. is a mid-sized pharmaceutical company producing over-the-counter (OTC) medications. To expand its research facility, the company has applied for a ₹30 crore loan, requiring an audit of its financial records.</p> <p>Case Details:</p> <ol style="list-style-type: none"> Revenue Recognition: The company recorded ₹10 crore in revenue from a bulk order placed by Wellness Distributors, but auditors found that no goods were dispatched, and the payment is yet to be received. Fixed Assets Misstatement: During the verification of assets, auditors found that laboratory equipment worth ₹2 crore, recorded in the books, was not physically present at the research facility. Payroll Fraud: 	07 08	CO1 CO3



	<p>A review of payroll expenses revealed ₹50 lakh in salary payments to employees who could not be traced in the HR records.</p> <p>4.Unusual Vendor Payment Timing:</p> <p>A vendor received multiple payments just before the financial year-end, despite no urgent need for prepayments. No supporting documents explain the advance payments.</p> <p>Or</p> <p>(c)Enumerate the Elements of Fraud.</p> <p>(d)Identify the type of Audit Flags and justify your answer</p> <p>InfraBuild Constructions Ltd. is engaged in large-scale infrastructure projects. The company has applied for a ₹50 crore loan to undertake a new highway construction project.</p> <p>Case Details:</p> <ol style="list-style-type: none"> 1. Accounts Payable Manipulation: Auditors found that payments of ₹5 crore were made to suppliers for raw materials that were never received. 2. Bank Reconciliation Discrepancies: The company's bank statements showed ₹3 crore in cash withdrawals, but there were no corresponding entries in the books of accounts. 3. Undisclosed Related Party Transactions: A review of contracts revealed that a subcontract worth ₹10 crore was awarded to a firm owned by the CFO's relative without proper disclosure. 4. Internal audit The company conducts quarterly internal audits, reviewing financial records, compliance, and risk management strategies. Findings are shared with management for process improvements. 	7	
		8	
Q.3	<p>(a) Explain the various types of Corporate frauds</p> <p>Or</p> <p>(b) Enumerate the regulations with regards to fraud as per companies act 2013.</p> <p>(c) Explain the process of Forensic audit.</p>	15	CO4
		7	CO3
		8	CO2

Q.4	<p>(a) ZenithTech Solutions, a rising AI startup, gained attention for its innovative automation technology and secured \$150 million in venture capital funding in 2023. The company reported 5,000 enterprise clients and annual revenues of \$75 million, making it an attractive investment opportunity. However, in early 2024, an investor-led audit uncovered discrepancies in ZenithTech's financial records. Upon further investigation, it was revealed that a significant portion of the reported clients did not exist or were inactive, and unpaid invoices were falsely recorded as confirmed revenue to inflate earnings. Additionally, financial statements had been altered to mask cash flow issues, misleading investors about the company's actual financial health. When these irregularities were exposed, the company's CEO and CFO faced legal consequences for fraud and securities violations, and investors suffered substantial losses.</p> <p>You are a forensic accounting investigator hired to analyze the fraud case of ZenithTech Solutions. Write a detailed report addressing the following: Key Weaknesses in the Due Diligence Process, Fraudulent Tactics used by ZenithTech Red Flags that should have Been detected earlier recommendations to Prevent Similar Frauds and suggest measures should investors and regulators implement to strengthen financial scrutiny.</p> <p>Or</p> <p>(b) Discuss the various inquiry measures with regard to fraud detection.</p>	15	CO4
		15	



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Semester (November 2024 to March 2025)		
Examination: End Semester Examination March/April 2025 (PG Programmes)		
Programme code: 05	Class:	Semester: IV
Programme: Masters in Banking & Finance	M COM (II)	
Name of the Constituent College: S K Somaiya College	Name of the Department: Accounting & Finance	
Course Code: 131P23E401	Name of the Course: Financial Planning	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1) Draw neat diagrams 2) Explain with relevant examples or case studies		

Question No.		Max. Marks	CO mapping
Q.1(A)	Elaborate and Give your Opinion on EPF for a survey .	7	CO ₂
Q.1(B)	In a firm You are a speaker who has to Elaborate on the 8 Steps of Retirement Planning and the benefits thereon.	8	CO ₃
OR			
Q.1(C)	You have to take part in a Survey to decide on the Most Popular Tax Savings Instruments.	15	CO ₄
Q.2(A)	Develop a Plan to discuss SIP, how it works and benefits with SIP Vs Lumpsum	7	CO ₁
Q.2(B)	Discuss the top 5 Investments Theory to become a better investor.	8	CO ₃
OR			
Q.2(C)	In a Banking experts meeting you are given a topic of discussion on Consumer loans & Types of consumer loans to be explained to audience.	15	CO ₂
Q.3(A)	Case study with working to be applied to the given examples . <u>(Draw Pie charts, line graphs or diagrams , breakups as required.)</u> Navya & Divya are Sisters and are of age 26 & 29 respectively. They both are working Professionals and have started earning well. They have contacted you for some good investment advice. Please help them with good schemes and financial planning for their future.	15	CO _{2,3}

Q.4(A)	<p>Case study with working to be applied to the given examples .</p> <p><u>(Draw Pie charts, line graphs or diagrams , breakups as required.)</u></p> <p>Neel (31) an entrepreneur has a small startup now doing very good business</p> <p>Income PA is for the past three years without a loss around</p> <p>9,96,000 -2021</p> <p>1094000 -2022</p> <p>1156000 -2023</p> <p>Now he is in a position to start and do some investments for himself which he had not started at all.</p> <p>Help him pay the taxes and do the investments with financial planning for him.</p>	15	CO.



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April 2025		
Examination: End Semester Examination April 2025 (UG/PG Programmes)		
Programme code: 24 Programme: Banking & Finance	Class: SYMBF	Semester: IV
Name of the School: Dr. Shantilal K Somaiya School of Commerce and Business Studies	Name of the Department: Accounting & Finance	
Course Code: 231P24C402	Name of the Course: International 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	Questions based on Forex Arithmetic (5 Marks Each) 1. USD/SGD 1.5423/1.5433 SGD/GBP 0.3323/0.3333 Calculate Cross Currency Exchange Rate for USD/GBP. 2. EUR/USD 1.2650/80 Calculate Mid Rate, Spread and Percentage spread. 3. The following are the quotes of USD/INR from two different banks. Find arbitrage opportunities for ₹ 1 million contract. Bank A 48.9890/49.0010 Bank B 49.0110/49.2234	15	CO 2, 3
Q.2	a) What is International Finance? Explain the features of International Finance. b) Explain different types of foreign exchange quotations. Or c) Elaborate on the advantages and disadvantages of the Floating Exchange Rate System.	07 08 15	CO 1 CO 2 CO 1
Q.3	a) Write a note on the Holgate Principle. b) Distinguish between Euro Bond and Foreign Bond. Or c) Explain different types of ADR Programme with levels of ADR.	07 08 15	CO 2 CO 2 CO 2
Q.4	a) What are the reasons for the growth of the Offshore Financial Centre?	07 08	CO 3 CO 3

	b) Explain the External Techniques of managing foreign exchange risk. Or c) Explain Transaction Risk, Economic Risk and Translation Risk in detail.	15	CO 4
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April 2025

Examination: End Semester Examination April 2025 (UG/PG Programmes)

Programme code: 24		Class: SYMBF	Semester: IV
Programme: Banking & Finance			
Name of the School: Dr. Shantilal K Somaiya School of Commerce and Business Studies		Name of the Department: Accounting & Finance	
Course Code: 231P24C403	Name of the Course: Financial Derivatives and Risk Management		
Duration: 2 Hrs.	Maximum Marks: 60		
Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary			

Question No.	1) Question no 1 is compulsory with conceptual/ practical problem questions. 2) All questions carry equal marks.	Max. Marks	CO Attainment
Q.1	Conceptual Questions- 5 Marks each a) Participants in derivatives market b) Upside and Downside risk in derivatives market c) SWAPS	15	CO1
Q.2	a) Explain the advantages and disadvantages of financial derivatives. b) An investor took the position in the futures market which are as follows: 1) Sold 2 futures contract on IFCI Bank with a lot size of 200 shares at Rs. 178 spot and at expiry it closed at Rs. 184. 2) Sold a 5 future contract on L&Y with a lot size of 4500 shares at Rs. 220 spot and at expiry it closed at Rs. 350. Find the net profit or loss for the investor from both the positions and explain the difference between forward and future contract with three pointers. OR c) Explain the role of L.C. Gupta Committee in the regulatory development of derivatives market in India. d) Explain the stock index futures and commodity futures in detail.	7 8 7 8	CO1 CO2 CO1 CO2

Q.3	<p>a) Distinguish between Options and Futures Contracts.</p> <p>b) Mr. Harsh buys a call option of PQR Ltd at an exercise price of Rs. 55 with a premium of Rs.3. Calculate the profit or loss on the option for Harsh if the spot price on expiry is as follows:</p> <p>Rs. 51,52,53,54,55,56,57,58,59,60</p> <p>Also draw the payoff diagram for the same and explain the analysis of the above portfolio with 3 pointers.</p> <p>OR</p> <p>c) Explain in detail the binomial option pricing model.</p> <p>d) Mr. Rohit writes a put option of Tushar Ltd at an exercise price of Rs. 200 with a premium of Rs.3. Calculate the profit or loss on the option position for Rohit if the spot price on expiry is as follows:</p> <p>Rs. 196, 197,198,199,200,201,202,203,204,205</p> <p>Also draw the payoff diagram for the same and explain the analysis of the above portfolio with 3 pointers.</p>	<p>7</p> <p>8</p> <p>7</p> <p>8</p>	<p>CO3</p> <p>CO3</p> <p>CO3</p> <p>CO3</p>
Q.4	<p>a) Explain the various developmental stages of derivatives markets in India .</p> <p>b) Discuss the regulatory framework pertaining to derivatives trading in India.</p> <p>OR</p> <p>c) Discuss about the Specifications for Stock Options and Index Options in NSE.</p> <p>d) Discuss the role of Indian derivatives market in the global world scenario.</p>	<p>7</p> <p>8</p> <p>7</p> <p>8</p>	<p>CO4</p> <p>CO4</p> <p>CO4</p> <p>CO4</p>



April 2025		
Examination: End Semester Examination April 2025 (PG Programmes)		
Programme code: 24	Class:	Semester: IV
Programme: Banking & Finance	SYMBF	
Name of the School: Dr. Shantilal K Somaiya School of Commerce and Business Studies		Name of the Department: Accounting & Finance
Course Code: 231P24C404	Name of the Course: E-commerce	
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	<p>Answer the following (Each question 5 Marks)</p> <p>a) "HP is buying online Microsoft operating system and Intel processor for manufacturing computers" - This transaction is which type of E-commerce and justify your answer.</p> <p>b) "Signature on your Somaiya ID card is digital signature" – True or False and justify your answer.</p> <p>c) "Firms providing cyber insurance is always following E-insurance type of business model" Do you agree/disagree with this statement? Explain the concept of cyber insurance.</p>	15	CO1 CO3 CO4
Q.2	<p>a) Discuss the following types of E-commerce with suitable examples and diagrams. (15 Marks)</p> <p style="padding-left: 40px;">i. B2B ii. B2C iii. C2C</p> <p style="text-align: center;">OR</p> <p>b) Discuss the concept, benefits, challenges and mitigations of EDI with suitable examples. (15 Marks)</p>	15	CO1 CO2
Q.3	<p>a) Describe the integrated digital marketing with reference to online business models. (15 Marks)</p> <p style="text-align: center;">OR</p> <p>b) Discuss any 3 payment methods used in B2C & C2C type of E-commerce models. (15 Marks)</p>	15	CO3

Q.4	<p>a) Explain the vulnerability and threat model of E-commerce in detail and mitigate for each vulnerability mentioned in model with suitable diagram. (15 Marks)</p> <p style="text-align: center;">OR</p> <p>b) Explain the concept and functions of firewall, discuss personal and server firewall with suitable diagram. Explain the demilitarized zone in server firewall. (15 Marks)</p>	15	CO4
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