

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

QUESTION PAPERS

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

Sr. No.	Subject	Available
1.	131U04K501 – Research Methodology (A)	
2.	131U04K501 – Research Methodology (B)	
3.	131U04V501 – Direct Tax	
4.	131U04C502 – Introduction to Fintech	
5.	131U04C502 – Derivative Market	
6.	131U04C503 – Technical Analysis	
7.	131U04V504 – Marketing of Financial Services	
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		





Semester (July 2024 to October 2024)

Examination: End Semester Examination November 2024 (UG Program)

Programme code: 04

Programme: B.Com (Financial markets)

Class: TYBFM

Semester: V

Name of the Constituent College: S.K. Somaiya College

Name of the Department: Accounting

& Finance

Course Code: 131U04K501

Name of the Course: Research Methodology

Duration: 2 Hr.

Maximum Marks: 60

Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary

Question No.			Max. Marks	C
Q 1.	a)	Compare & contrast Qualitative v/s Quantitative research.	8	1
	b)	"Defining a research problem is an essential step in any research"- in this context Explain the criteria of a Good Research Problem.	7	1
		OR		
	c)	"Hypothesis is a structured assumption that is constructed based on some theoretical or experimental evidence"- Explain Various types of hypotheses used for conducting research.	0	2
	4)		8	2
	d)	Identify numerous uses of research design.	7	2
2.2	a)	Imagine you have to collect data on early childcare education. Describe the process of data collection through observation.	8	3
	b)	"Principles of sampling are the fundamental laws of Statistics." Mention various principles of sampling which are very crucial for an investigation.	7	3
		OR		
	c)	Highlight various probability & nonprobability method of sampling.	15	3
Q.3	a)	Define the concept of scale? Explain the various types of Rating Scale.	8	4
	b)	"Referencing is important for the integrity and quality of your academic writing."- Discuss different types of referencing.	7	5
		OR		
33.3				

	c)	In Statistics, the variables or numbers are defined and categorised using different scales of measurements for data analysis- in this context explain the following: Nominal Scale Ordinal Scale Interval Scale Ratio Scale List down the various stages of report writing.	8 7	4 5
Q.4		Explain the Following:	11.50	
	a)	Research	3	1
	b)	Exploratory Research Design	3	2
	c)	Interview Technique of Data Collection	3	3
	d)	Likert scale	3	4
	e)	Bibliography	3	5



Semester (July 2024 to October 2024)

Examination: End Semester Examination November 2024 (UG Program

Programme code: 02 / 03

Class: TYBAF/

Programme: B.Com (Accounting & Finance)

TYBAF (H)

Semester: V

Name of the Constituent College: S.K. Somaiya College

Name of the Department:

Accounting & Finance

Course Code: 131U03K501/

131U02K501

Name of the Course: Research Methodology

Duration: 2 Hr.

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.

Q.No.			Max.	СО
2.1.	a)	In a research study, how would the approaches of in the study have would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a study how would the approaches of in the study have been a stu	Marks	
		In a research study, how would the approaches of inductive research differ from deductive research in drawing conclusions?	8	1
	b)	How is a research problem selected and formulated to match study goals and feasibility?	7	1
		OR		
	c)	What are the essential steps in formulating a hypothesis for effective research design and testing?	8	2
	d)	In what scenarios would you choose exploratory, descriptive, Diagnostic or experimental research designs and why?	7	2
Q.2.	a)	What are the main steps in the sampling process?	8	3
	b)	When conducting a financial analysis for a company, how would you define measurement in research, and what are the various levels of measurement to consider?	7	4
		OR		
	c)	In the process of conducting a feasibility study for a new investment opportunity, how would you define primary data, and what advantages and disadvantages should be considered?	15	3
Q.3.	a)	Define the concept of scale? Explain the various types of Rating Scale.	8	4
	b)	How would you define the measurement of interpretation, and what approaches can be used to measure it?	7	4
		OR		
	c)	When preparing a research report on the financial performance of a company, what layout of research report elements should be included to ensure clarity and effectiveness?	8	5
		In preparing a research paper on investment strategies, how would you define referencing, and what significance does it hold for ensuring the integrity of your findings?	7	5
Q.4.		Explain the Following concept:		
	/	Basic Research	3	1
- 1		Simple Hypothesis	3	2
		Quota Sampling	3	3
	/	Nominal scale	3	4
	e)	Referencing	3	5



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No	vembe	er 2024		
Examination: End Semester Exam	minati	on April 2024 (UG/P	G Programmes)	
Programme code: 01/04		Class:TYBCOM/		
Programme: BCOM / BFM		TYBFM	Semester: V	
Name of the Constituent College: S K Somaiya		Name of the Department:Commerce/ Accounting & Finance		
Course Code: 131U01C501 /131U04V501	Nam	Name of the Course: Direct Tax		
Duration: 2 Hrs. Ma		aximum Marks : 60		
Instructions: 1) Figures to the right indicates	s the f	ull Marks .		
2) use of simple calculator is allowed.				

				Max. Marks	Co
		apped person (75%) is the property ss account for the year ended		(15)	CO ,4,5
Particulars	Rs.	Particulars	Rs.		
To Salaries	1,85,200	By Gross Profit	8,38,000		
To Conveyance	66,500	By Interest Received on FD with SBI	13,000		
To General Expenses	45,950	By Gift from father	51,000		
To Interest paid	1,16,100	By Winning from lottery	1,28,000		
To printing	46,250				
To Advertising	31,000				
To Reserve for bad deb	ts 15,000				
To Contribution to PPF	60,000				
To Depreciation	45,000		* * * * * * * * * * * * * * * * * * *		
To Net Profit	4,19,000				
	10,30,000		10,30,000		
 Advertising exp Advertising. General expense for him self. 	narged as per In penses of Rs. 20 ses include 7,50 e Rs. 15,000 pa	ncome tax act Rs. 39,000. 6,000 are paid in cash to M/ 00 being Medical expenses and for printing of invitation	incurred		

		,	OR					
	It was pured ₹ 1,20,000 financial ye residential l	hased on 07.07.20 . Mr. Karnik indear 2015-16 of ₹1 house on 31.10.20	2023 his residential house 1003 for ₹ 4,00,000. Expectured expenses on important 40,000. He invested ₹ 2023. You are required to contain 2024-25. Relevant Cost	enses on tr provemen 5,00,000 to compute In	ansfer amount t on this hou for purchase on acome from C	ted to use in f new apital	(08)	CO4
		Financial Year 2003-04 2015-16 2023-24	Cost Inflation Index 109 254 348					
	2024. You 1. Interest r a) E	nanya gives the fo	llowing information for mpute her income from on the BI Rs. 25,000	the year other sour	ended 31 st Mar ces.	rch	(07)	CO1
	 Royalty received on writing a book Rs. 50,000 for which she incurred Rs. 15,000 for writing the manual script. Rent received from hiring he plant Rs. 72,000. She paid collection charges Rs. 2,000 for this purpose. 							
	5. Winning ticket was 16. income f	from lottery Rs. 2 Rs. 500. from agricultural l	iation was Rs. 5,000 and 25,000. Expenses incurred and in Pune Rs. 20,000. on birthday 60,000.	ed for pur	chase of lotter	у		
2			is house property situate for the year ended 31st			al	(15)	,4,5
		Particulars			Rs.			
	(1)	Fair Rent		4	4,75,000			
	(2)	Municipal Value	ation	4	4,60,000			
	(3)	Actual Rent Rec			5,00,000			
		Municipal Taxes	s paid by the Tenant		10,000			
	(4)		ges incurred		5,000			
	(4)	Collection Charg			4,500			
		Collection Charge Repair Expenses	3					
	(5)	Repair Expenses Insurance premi	um paid		2,800			
	(5) (6) (7) (8)	Repair Expenses Insurance premi Interest paid on the property (Lo	um paid Funds Borrowed for pur an was taken in 2005)		1,55,000			
	(5) (6) (7) (8) Following year 2023-	Repair Expenses Insurance premi Interest paid on the property (Lo are the details of l 24:	um paid Funds Borrowed for pur an was taken in 2005) his other Income earned	by him d	1,55,000 uring the prev	rious		
	(5) (6) (7) (8) Following year 2023- (a) Inte	Repair Expenses Insurance premi Interest paid on the property (Lo are the details of l 24: erest on Fixed dep	um paid Funds Borrowed for pur an was taken in 2005) his other Income earned cosits with Bank		1,55,000 uring the prev	rious		

-	(d) Director fee Received R	10.000	1	
_		s. 40,000	Jan Scho	-
	During the previous year 2023-24 he made following	investments and payments:	1	15
-	i. Investments in NSC Rs 70,000.		die Libi	or)
	ii. Paid Rs. 30,000 by cheque as premium toward	ls medical Insurance Policy	15	
	for self and child. And 40,000 for parents about		Walker Univer	AIN STIE MOS
	Compute the Net Taxable Income of Mr. Gurpreet for	r A. Y. 2024-25.		
	OR			
	(B) Mr. Raghav Kumar works with the government of	Maharashtra. He gives you	(15)	CO1
	following information for the year ended 31st March 2	024.		,4
	Particulars	Amount (Rs.)		
	Basis salary (gross)	6,00,000 per annum		
	Dearness allowance	1,45,500 per annum		
	House rent allowance (exempt u/s 10 Rs. 40,000)	80,000 per annum		
	Entertainment allowance (amount spend on entertainment Rs. 12,000)	15,000 per annum		
	Conveyance allowance (amount spend on	60 000		
	conveyance for official purposes Rs. 45,000)	60,000 per annum		
	Arrears of salary (not taxed earlier)	35,000		
	Profession tax deducted from salary	2,500 per annum		
	Employees provident fund deducted from salary	60,000 per annum		
	Other information:			
	1. He received Rs. 2,00,000 from LIC of India as	maturity value of life		
	insurance policy taken on his life.			
	2. Winning from Horse race Net amount Rs. 50,00	00 after deducting TDS Rs.		
	25,000			
	3. Received dividend on shares of Indian company	y Rs.75000.		
	4. Interest Received on Fixed deposit with SBI Rs			
	5. He had taken a loan from State Bank of India for			
	daughter pursuing an engineering degree course			
	During the year he had paid Rs. 60,000 as interest	est on loan.		
	Compute his net taxable income for the assessment year	ar 2024-25.		
Q. 3	(A) Miss Sadhna furnishes you the following particular	rs of his income earned	(07)	CO3
	during the previous year 2023-24:-			
	1. Income from agriculture in Nepal Rs.60,000.	D 100000		
	 Income from property in U.K. received in India Income from business in Sri Lanka controlled from 			
	The second of th	rom India Rs.50,000.		
	4. Amount brought into India out of the past untax Rs.10,000.	ted profits earned in Japan		
	5. Income earned & received in London Rs.1,10,0	00		
	6. Dividend received on shares of foreign company			
	received in India)	y 13. 55,000 (nair amount		
	Find out her Gross Total Income if she is:-			
	a). Resident and ordinary resident			
	b). Resident but not ordinary resident			
	c). Non Resident			

	A., (not a person of Indian origin) as a part of India. He came to India on 15 th April 2023 and left ng the previous year. The details of his stay in India as follows:-	(08)	CO2
YEAR	NO. OF DAYS STAY IN INDIA		
2022-23	115		
2021-22	180		
2020-21	160		
2019-20	120		
2018-19	90		
2017-18	60		
2016-17	200		
Determine his residential stat			
	OR		
(C) Explain any 8 disallowed	expenses under the head business and profession.	(08)	CO4
(D) Enumerate deduction u/s	80 D and 80 E	(07)	COS
Attempt the following ques		(15)	COI
while calculating income from March 2024: 1. Purchase of raw mate 2. Staff welfare Expense 3. Embezzlement of Cas 4. Bonus paid Rs. 45000 return is 30-9-2024. 5. Salary paid to his relative is unreasonable. (B) Mr. A, aged 40 years, pathe year 2023-24 to insure his paid medical insurance premate 63 years. He contributed Rs.	whether the following expenses are allowed or not m business or profession for the year ended 31 st will Rs. 30,000 by cash on 25-10-2023. See Rs. 15,000. She by employee Rs. 45,000 on 30-11-2024. Due date of filing the income tax attive Rs. 45,000 p.m. who study in TYBBA Amount aid medical insurance premium of Rs. 18,000 during is health as well as the health of his spouse. He also itum of Rs. 48,000 during the year for his father, aged 6,600 to Central Government Health Scheme during Rs. 2,500 in cash on preventive health check-up of		,02,4

Q. 4



November 2024

Examination: End Semester Examination November 2024 (UG Programmes)

Programme code: 04

Programme: Financial Market Class: TYBFM Semester: V

Name of the Constituent College: S K Somaiya College

Name of the Department: Commerce

Library

and Business studies

Course Code: 131U04C502 Name of the Course: Introduction to Fintech

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 concept of cloud computing? Discuss the Pros, Cons and Pricing strategy for the following cloud service providers. 1. AWS 2. AZURE 3. GCS OR	15	CO1
	b. Elaborate the role of government in fintech ecosystem.	07	CO1
	c. "Digitalizing the financial services is Fintech" justify the statement with suitable examples.	08	CO1
	a. Explain the concept of cryptocurrency. List the different types of cryptocurrencies. Discuss advantages and disadvantages of cryptocurrency.	15	CO3
Q.2	OR		
	b. Elaborate technologies used in "Go Digit Insurance" in the case study of company "Digit".	07	CO4
	c. Discuss applications of blockchain (non-cryptocurrency application) in detail.	08	CO3
	a. Considering the increasing dominance of UPI in India, how do GPay, PhonePe, and Razor pay differentiate themselves in terms of their target market & value proposition.	15	CO4
Q.3	OR		
	b. "All the business process in a financial market is suitable for the technology of RPA" state True or False and justify the answer.	07	CO4

	c. Discuss the community driven approach of fintech firm "Trading View" to enhance the trading experience for users also impact of this on financial inclusion.	08	CO4
Q.4	Read the following case and answer the questions. (Each question 5 Marks)	15	
	A bank named Horizon Founded in 1993, Horizon is one of the		
	leading banks in India. In fact, Horizon Bank holds the title of		
	India's third-largest bank in the private sector. This well-		
	established bank offers a wide variety of services to their clients,		
	with both personal and corporate financial services being offered.		
	These services include a fully digital account. The CFO of this		
	bank wants to understand and propose blockchain implementation		
	for this bank.		
	a. Prepare the CFO checklist for blockchain implementation in this bank?		CO2
	b. Discuss distinct types of blockchain and which type of blockchain CFO should use and why?		CO2
	c. Elaborate this project steps that CFO should recommend to management?		CO2



November 2024

Examination: End Semester Examination November 2024 (UG Programmes)

Programme code: 04

Programme: Financial Market

Class: TYBFM

Semester: V

Name of the Constituent College: S K Somaiya College

Name of the Department: Accounting

and finance

Course Code: Duration: 2 Hrs.

131U04C502

Name of the Course: Derivatives Market

Maximum Marks: 60

Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary 3)

	Questi	on	Max.	CO
	No.		Marks	CO Attainment
4	Q.1 A	Explain the features of derivatives to Mr. Jay who is curious know about it.	to 08	CO1
	Q1 E	assets.	07	CO1
	Q1 (OR Describe the role of different kinds participants in the derivative market.	ve 08	CO 1
	Q1 I		07	CO1
	Q.2	A. Mr. Ram has purchased a call option and a put option with strike price of ₹ 3525 at a premium of ₹ 580 for call option and ₹ 610 for put option. Calculate the profit or loss if price of maturity is ₹3500, ₹3260, ₹3467, ₹ 3754, ₹3456,₹ 4100, ₹3200.	1	CO3
		OR B. Explain the strategy of protective put and covered call with a suitable numerical example and diagram.	15	CO3
L				
	Q.3	A.) The following data is available on stock A as on March 1, 2024. Cash market price Rs. 1600 June Futures Rs. 1620 Contract multiplier for stock 100 shares. Assume an implied cost of carry of 9% per annum i.e. 0.75% per month. The contract is for 3 months. A) Calculate Fair Price of the futures contract.	15	CO2
		B) Calculate Net Profit/Gains if Stock Price increases to 1650 considering impact cost. (5)		

	C) Calculate Net Profit/Gains if Stock Price decreases to 1590 considering impact cost. (5) OR B. The following data is available on stock A as on March 1, 2024. Cash market price Rs. 1750 June Futures Rs. 1700 Contract multiplier for stock 100 shares. Assume an implied cost of carry of 9% per annum i.e. 0.75% per month. The contract is for 3 months. D) Calculate Fair Price of the futures contract. E) Calculate Net Profit/Gains if Stock Price increases to 1850 considering impact cost. F) Calculate Net Profit/Gains if Stock Price decreases to 1685 considering impact cost.	15	CO2
Q.4	Explain the following concepts A. Cost of carry w.r.t futures B. Spot price v/s future price C. Perfect hedge D. Delta E. Theta	15	CO4



Semester (July 2024 to November 2024)

Examination: End Semester Examination November 2024 (UG Programmes)

Programme code: 04

Programme: B.Com (Financial Markets)

Class: TY

Semester: V(SVU 2024)

Name of the Constituent College: S K Somaiya College
Name of the Department: Accounting and Finance

Course Code: 131U04C503 Name of the Course: Technical Analysis

Duration: 2 Hrs. Maximum Marks: 60

Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary

Question No.		Max. Marks	СО
Q.1	A. Ms. Priya has started trading and trying to understand about gap	15	CO1
	theory. Demonstrate her about gap theory and list the different types		
	of gaps. (8 marks)		
	B. Jay wishes to start trading in stock market. But his friend Dev		CO4
	explained the do and don'ts in trading which will help him trade		
	carefully. Mention the Dos and Don'ts in trading. (7 marks)		
	OR		
	C. Summarize the indicators Moving Average Convergence and		CO3
	Divergence and Williams's % R and describe in detail the		
	understanding of these indicators. (15 marks)		
Q 2	A. Ms. Pinky, novice in technical is trying to understand the chart	15	CO2
	patterns. Classify the different types of Triangle pattern with help of		
	diagram. (8 marks)		
	B. Mr. Sohail, an Equity Analyst in his seminar expressing the		CO1
	importance of Support & Resistance in Technical Analysis.		
	Evaluate the same. (7 marks)		
	OR		
	C. "Intraday trading gives good returns" Comment your opinion about		CO4
	intraday and its benefits. (15 marks)		
Q3 A	A. Rohan is a beginner in trading. Despite his analysis still he use to	15	CO4
	occur losses. So he consulted his Uncle and he explained the trading		
	Psychology which impacts during trading, discuss in detail the		

			2	
	psychology and some tips to Rohan which would help to relieve			
	stress. (8 marks)			
	B. Satish, an technical analyst elaborating Flag and pennant chart		CO2	
	patterns to his partner Anil.Interpret the same with diagrams			
	. (7 marks)			
	OR			
	C. Mr Sunil, trades with the concept of Elliot wave theory. Elaborate in		CO1	
	detail the Dominant waves and corrective waves, when markets are			
	falling. (15 marks)			
).4	Answer the following: (3 marks each)	15		
	A. "Primary trend has three phases". Enumerate this Dow Principle.		CO1	
	B. Anuj wanted to understand about Technical Analysis. List the		CO2	
	benefits of technical analysis.			
	C. Rita uses Money Flow Index in her trading. Discuss in detail about		CO3	
	this indicator.			
	D. "Risk Management plays important role in trading" Highlight it in	28-	CO4	
	your own words.			
	E. Sheela teaching her friend about different chart patterns for trading.		CO2	
	Discuss the rounded pattern "Cup and Handle"			



Library Semester (July 2024 to October 2024) Examination: End Semester Examination November 2024 (UG Programme) Programme code: 04 Class: Semester: V Programme: FINANCIAL MARKET **TYBFM** Name of the Constituent College: S K Somaiya College Name of the Department: Accounting & Finance Course Code: 131U04V504 Name of the Course: Marketing of Financial services **Duration: 2 Hrs. Maximum Marks: 60** Instructions: All questions are compulsory.

Question No.		Max. Marks	Co Attainme nt
Q.1.	A. Spell the term financial products. Elaborate its advantages and disadvantages. OR	15	CO 1
	B. Outline the different types of bank loans.	08	CO 1
0.0	C. Explain the importance of stock Exchanges.	07	CO 1
Q.2.	A. Give classification of services. OR	15	CO 2
	B. Spell the key paradigms of service marketing.	15	CO 2
Q.3.	A. Explore components of Augmented marketing in detail. OR	15	CO 3
	B. Discuss customer loyalty. How it can be established?	08	CO 4
	C. Highlight different types of customers' complaining behavior.	07	CO 4
Q.4.	Attempt following. (3 Marks each) a. Prove that customer feedback is a valuable resource for continuous improvement.	15	60.4
	continuous improvement.		CO 4
	b. Explain the Five Dimensions of SERVQUAL		CO 3
	c. Describe penetration Pricing and premium pricing.		CO 1
	d. Neo banking and Robo advisory.		CO 2
	E. Discuss Debit and credit cards.		CO 1