



# SOMAIYA

## VIDYAVIHAR UNIVERSITY

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

### QUESTION PAPERS

<b>BRANCH: Bachelor of Commerce</b> <b>(Financial Market)</b>	<b>SEM: V</b>
	<b>OCT/NOV - 2025</b>

Sr. No.	Subject	Available
1.	231U04C501 – Investment Analysis & Portfolio Management	
2.	231U04C502 – Indirect Tax	
3.	231U04C504 – Technical Analysis	
4.	231U04C504 – Financial Planning	
5.		
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**LIBRARY**





**October 2025**

**Examination: End Semester Examination (UG/PG Programmes)**

<b>Programme code: 04</b>		<b>Class: TY</b>	<b>Semester: V</b>
<b>Programme: Financial Markets</b>			
<b>Name of the Constituent College: Dr. Shantilal K. Somaiya School of Commerce and Business Studies</b>		<b>Name of the Department: Accounting &amp; Finance</b>	
<b>Course Code: 231U04C501</b>	<b>Name of the Course: Investment Analysis &amp; Portfolio Management</b>		
<b>Duration : 2 Hr.</b>	<b>Maximum Marks : 60</b>		
<b>Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary</b>			

<b>Question No.</b>		<b>Max. Marks</b>	<b>CO</b>
Q1	<p>Read the following Case- Study and answer the questions given below:</p> <p>The Mehta family recently sold a part of their ancestral property and created a family investment office to professionally manage their ₹10 crore corpus. The patriarch wants long-term capital appreciation through equity and real estate, while the daughter — a financial analyst — prefers diversification into mutual funds, bonds, and ESG-focused companies. A conflict arises when market volatility increases, the father insists on moving all funds to fixed deposits. The daughter argues that short-term fluctuations shouldn't drive portfolio decisions and recommends a balanced portfolio approach. The family decides to consult a portfolio manager for guidance on asset allocation, risk tolerance, and performance tracking.</p> <p>Questions</p> <ol style="list-style-type: none"> <li>Compare the risk tolerance and investment objectives differ across investors within the same family and how that affects portfolio design.</li> <li>Explain how the portfolio management process can help the Mehta family achieve alignment between safety, liquidity, and returns.</li> <li>Examine the use of fundamental analysis by the Mehta family in financial decision making</li> </ol>	<p>05</p> <p>05</p> <p>05</p>	CO1,2,3
Q 2	<ol style="list-style-type: none"> <li>Mr. Arjun purchased 200 shares of Evergrow Ltd. On 1/1/2020 at Rs. 120. He received dividend of Rs. 5 per share in 2021 and Rs. 4 per share in 2022. He sold all shares on 31/12/2022 at Rs. 160 per share. Calculate holding period return and annualized return.</li> <li>An investor wants to know the Beta of a mutual fund. Covariance between the mutual fund's return and the market return is 0.012,</li> </ol>	<p>07</p> <p>08</p>	CO2



	<p>and the market's variance is 0.01. Find the mutual fund's Beta.</p> <p>Also give any two points of significance of using beta in stock analysis.</p> <p style="text-align: center;"><b>OR</b></p> <p>c. If you were an investor desiring to investing in non- marketable investment instruments in India, what options would be available to you for the same?</p> <p>d. Examine and compare active, passive and value- based investing strategies in detail</p>	08																									
Q 3	<p>a. Summarize the types of charting techniques used in technical analysis to identify market trends using suitable diagrams.</p> <p style="text-align: center;"><b>OR</b></p> <p>b. Discuss the working of the Markowitz Model as a technique of identifying the optimum portfolio.</p>	15	CO3																								
Q 4	<p>a. The following data represents the average returns, risk (standard deviation), and beta values of five stocks — A, B, C, D, and E. The risk-free rate is 6%, and the market return is 14%.</p> <table border="1"> <thead> <tr> <th>STOCK</th><th>AVERAGE RETURN (%)</th><th>STANDARD DEVIATION (%)</th><th>BETA</th></tr> </thead> <tbody> <tr> <td>A</td><td>18</td><td>20</td><td>1.1</td></tr> <tr> <td>B</td><td>15</td><td>15</td><td>0.9</td></tr> <tr> <td>C</td><td>12</td><td>10</td><td>0.6</td></tr> <tr> <td>D</td><td>20</td><td>22</td><td>1.3</td></tr> <tr> <td>E</td><td>10</td><td>8</td><td>0.5</td></tr> </tbody> </table> <p>Calculate the Sharpe Ratio, Treynor Ratio and Jensen's Alpha for each stock and rank them accordingly.</p> <p style="text-align: center;"><b>OR</b></p> <p>b. You are a portfolio manager. How will you explain the meaning, need and constraints of portfolio revision to your client?</p> <p>c. Examine active, passive and formula plans as portfolio revision strategies using suitable examples.</p>	STOCK	AVERAGE RETURN (%)	STANDARD DEVIATION (%)	BETA	A	18	20	1.1	B	15	15	0.9	C	12	10	0.6	D	20	22	1.3	E	10	8	0.5	15	CO4
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October/November 2025		
Examination: End Semester Examination (UG Programmes)		
Programme code: 04	Class: TYBFM	Semester: V
Programme: BFM		
Name of the School: Dr. Shantilal K Somaiya School of Commerce & Business Studies		Name of the Department: Accounting & Finance
Course Code: 231004C502	Name of the Course: Indirect tax	
Duration: 2 Hrs.	Maximum Marks: 60	
Instructions: 1) Figures to the right indicates the full marks. 2) Use of simple calculator is allowed.		

Q. No.		Max. Marks	CO												
Q.1	<p><b>Explain the following concepts: ( 5 mark each)</b></p> <p>(A) State whether following is Supply of Goods or Supply of Services.</p> <p>(1) M/s Capwala &amp; Co. of Mumbai has commercial premises at M.G Road, Ghatkopar. It let the same to Union Bank Ltd. for Rs. 3,00,000 per month.</p> <p>(2) M/s Janata Developers sold an under construction flat at Virar to Mr. Deshpande for 40 Lakhs before receiving Completion Certificate.</p> <p>(3) Mr. Ram, Mr. Shyam and Mr. Shiv are partners in M/s Devi Sangam &amp; co. at Kashi. They dissolve the partnership with effect from 31/03/2024. There is stock goods which was taken over by them equally.</p> <p>(4) Microsoft Ltd. allows Mr. Shetty to use its brand name for one year for Rs. 1 crore.</p> <p>(5) Prashadam Restaurant, situated at Jaipur serves food to customers at their restaurant gives a-bill of Rs. 10,000 to Agarwal family for their lunch.</p> <p>(B) Shri Ram Ltd., a registered dealer, furnishes the following information relating to goods sold by it to B Ltd. in the course of intra-State supply.</p> <table><tr><th>Particulars</th><th>₹</th></tr><tr><td>1. Price of the goods(Exclusive of Expenses, Taxes and Discounts)</td><td>3,00,000</td></tr><tr><td>2. Municipal tax</td><td>50,000</td></tr><tr><td>3 Primary packing</td><td>30,000</td></tr><tr><td>4. Weightment charges [B Ltd. pays to R Ltd. (on behalf of Shri Krishna Ltd.)]</td><td>10,000</td></tr><tr><td>6. Subsidy Received from "Jeevan Trust" a Non-Profit making Organisation (the price of Rs. 3,00,000 is after considering the subsidy)</td><td>3,000</td></tr></table> <p>Shri Ram Ltd offers 5% trade discount on the list price of the goods. Determine the value of Taxable supply made by Shri Ram Ltd</p> <p>(C) Write a note on Special Audit.</p>	Particulars	₹	1. Price of the goods(Exclusive of Expenses, Taxes and Discounts)	3,00,000	2. Municipal tax	50,000	3 Primary packing	30,000	4. Weightment charges [B Ltd. pays to R Ltd. (on behalf of Shri Krishna Ltd.)]	10,000	6. Subsidy Received from "Jeevan Trust" a Non-Profit making Organisation (the price of Rs. 3,00,000 is after considering the subsidy)	3,000	(15)	CO2,3,4
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Q.2	<p>(A) Big Agro Handlers furnishes the following details with respect to the activities undertaken by them in the month of December.</p> <table><tr><th>Particulars</th><th>Amount in</th></tr><tr><td>Supply of farm labour</td><td>58,000</td></tr><tr><td>Warehousing of biscuits</td><td>1,65,000</td></tr><tr><td>Milling of paddy into rice</td><td>68,000</td></tr><tr><td>Renting of vacant land to a stud farm</td><td>1,31,500</td></tr><tr><td>Testing undertaken for seeds</td><td>1,21,500</td></tr><tr><td>Leasing of vacant land to a poultry farm</td><td>83,500</td></tr><tr><td>Processing of raw material to make it fit for production</td><td>3,50,000</td></tr></table> <p>Compute the GST Payable by Big Agro Handlers for the month of December. Assume that the point of supply in respect of all the activities mentioned above falls in the month of December itself and all the amounts mentioned above are exclusive of GST. Rate of CGST @ 9% &amp; SGST @ 9%.</p> <p>(B) Write note on GST council of India.</p>	Particulars	Amount in	Supply of farm labour	58,000	Warehousing of biscuits	1,65,000	Milling of paddy into rice	68,000	Renting of vacant land to a stud farm	1,31,500	Testing undertaken for seeds	1,21,500	Leasing of vacant land to a poultry farm	83,500	Processing of raw material to make it fit for production	3,50,000	(08)	CO1
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	<p style="text-align: center;"><b>OR</b></p> <p>(C) Write a note on the term "Consideration" under GST.</p> <p>(D) Distinguish between composite supply and mixed supply with examples.</p>	(07)	CO1																
		(08)	CO1																
Q.3	<p>(A) Ms. Saylee, registered in state of Rajasthan provides following details for the month of January. Calculate net Tax Liability for the month of January.</p> <p>Opening Balance in Electronic Credit Ledger as on 1st January</p> <p>IGST - 50,000</p> <p>CGST – 2,000</p> <p>SGST- 20,000</p> <p>Transactions during the month :</p> <table><tr><th>Particulars</th><th>₹</th></tr><tr><td>Sold Goods @ 18 % GST to Suraj in Jaipur</td><td>4,00,000</td></tr><tr><td>Sold Goods @ 5% GST to Poonam in Jodhpur</td><td>6,00,000</td></tr><tr><td>Purchased Goods @ 12% GST from Mumbai</td><td>3,10,000</td></tr><tr><td>Provided Services @ 12% GST to Tanay in Kolkata</td><td>4,80,000</td></tr><tr><td>Availed Services @ 5% GST from Kota</td><td>2,20,000</td></tr><tr><td>Inward Supplies @ 18% GST from Ajmer</td><td>1,50,000</td></tr></table>	Particulars	₹	Sold Goods @ 18 % GST to Suraj in Jaipur	4,00,000	Sold Goods @ 5% GST to Poonam in Jodhpur	6,00,000	Purchased Goods @ 12% GST from Mumbai	3,10,000	Provided Services @ 12% GST to Tanay in Kolkata	4,80,000	Availed Services @ 5% GST from Kota	2,20,000	Inward Supplies @ 18% GST from Ajmer	1,50,000	(15)	CO2		
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	<p style="text-align: center;"><b>OR</b></p> <p>(A) Discuss the provisions and rules regarding electronic liability Register.</p> <p>(C) Explain the procedure of Provisional Assessment.</p>	(07)	CO3																
		(08)	CO4																



Q.4	(A) Determine the Time of Supply in following independent cases:	(07)	CO3																																
	<table><tr><th>Sr. No</th><th>Date of Provision of Service</th><th>Date of Invoice</th><th>Date of payment</th></tr><tr><td>1</td><td>5-10-2023</td><td>3-11-2023</td><td>9-11-2023</td></tr><tr><td>2</td><td>6-09-2023</td><td>8-10-2023</td><td>2-10-2023</td></tr><tr><td>3</td><td>23-08-2023</td><td>22-09-2023</td><td>30-09-2023</td></tr><tr><td>4</td><td>6-09-2023</td><td>18-09-2023</td><td>01-09-2023</td></tr><tr><td>5</td><td>8-07-2023</td><td>12-08-2023</td><td>17-08-2023</td></tr><tr><td>6</td><td>12-10-2023</td><td>10-11-2023</td><td>12-11-2023</td></tr><tr><td>7</td><td>6-10-2023</td><td>12-11-2023</td><td>21-10-2023</td></tr></table>	Sr. No	Date of Provision of Service	Date of Invoice	Date of payment	1	5-10-2023	3-11-2023	9-11-2023	2	6-09-2023	8-10-2023	2-10-2023	3	23-08-2023	22-09-2023	30-09-2023	4	6-09-2023	18-09-2023	01-09-2023	5	8-07-2023	12-08-2023	17-08-2023	6	12-10-2023	10-11-2023	12-11-2023	7	6-10-2023	12-11-2023	21-10-2023		
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	4	6-09-2023	18-09-2023	01-09-2023																															
	5	8-07-2023	12-08-2023	17-08-2023																															
	6	12-10-2023	10-11-2023	12-11-2023																															
	7	6-10-2023	12-11-2023	21-10-2023																															
(B) Determine place of supply in given situations and justify with reasons: 1. Naman of Delhi who has a savings bank account with Axis Bank of Delhi gets a DD issued from Axis Bank at Mumbai. 2. M/s. TTML Ltd. based in Delhi, supplied a landline to M/s Speak up, in their office at Agra, Uttar Pradesh. 3. Mr. Pramod of Kerala visits a hotel located in Jaisalmer and stays in the hotel for 5 days. 4. Mr. Kamal residing in Rajasthan, travels by Jet Airlines from Mumbai to Bangalore and gets travel insurance done in Chennai.	(08)	CO2																																	
<b>OR</b>																																			
(C) Elaborate the process of registration u/s 25.	(08)	CO2																																	
(D) Discuss the provisions for furnishing the details of outward supply u/s 37	(07)	CO6																																	





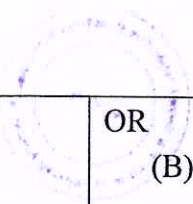


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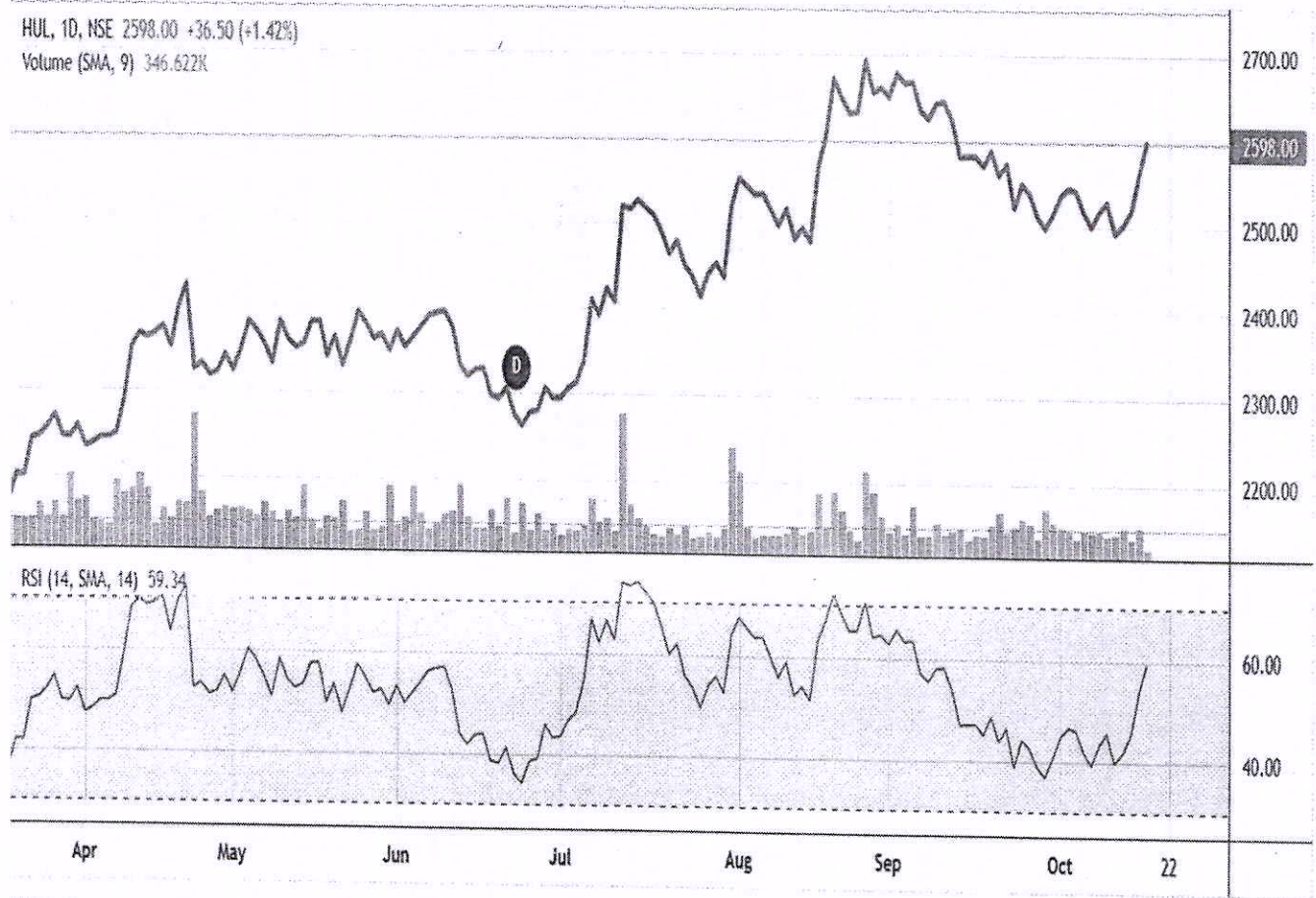
<b>Semester: July 2025 - October 2025</b>		
<b>Examination: ESE Examination</b>		
<b>Programme code: 04</b> <b>Programme: B.Com (Financial Markets)</b>	<b>Class: TY</b>	<b>Semester: V</b>
<b>Name of the Constituent College: SKSCBS</b>	<b>Name of the department : Accounting and finance</b>	
<b>Course Code: 231U04C504</b>	<b>Name of the Course: Technical analysis</b>	
<b>Instructions: 1)Use of simple calculator is allowed. 2)Each question carries 15 marks.</b>		

Question No.		Max. Marks	CO
Q1	(A) Riya, a young trader, faces emotional highs and lows while trading daily. After consecutive losses, fear makes her exit early, while greed pushes her to overtrade after small wins. She realizes that discipline, emotional control, and confidence—not just strategy—are key to consistent success in trading psychology.	5	4
	(B) Aman enters the stock market with excitement and confidence after early profits. As losses follow, optimism turns to fear, then panic, leading him to sell at the bottom. Later, recovery brings hope and renewed confidence. His journey reflects the emotional cycle of traders—optimism, fear, panic, and recovery. Discuss the different stages of emotional cycle of investors in the light of above events.	5	4
	(C) Mr. Ram is an old school believer in profit, while his son believes in investing with the help of psychology. Explain the relationship between both the concepts and give your opinion.	5	4
Q 2	(A) Briefly discuss the different single candle patterns OR	15	1
	(B) Using the graph explain the significance of RSI and its application	15	3
Q 3	(A) Discuss the concept of MACD and use of moving averages with suitable examples OR	15	3
	(B) Spot and explain 2 double candle patterns in the graph attached below.	15	2
Q4	(A) Elaborate on the use of SMA and EMA with suitable diagram and illustrations.	15	1
		15	1



	OR (B) Mr. Ram and his fund manager argue about the use of fundamental and technical analysis in selection of stocks and trading. Can you please help them resolve the conflict.	15	1,3
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Q2.B

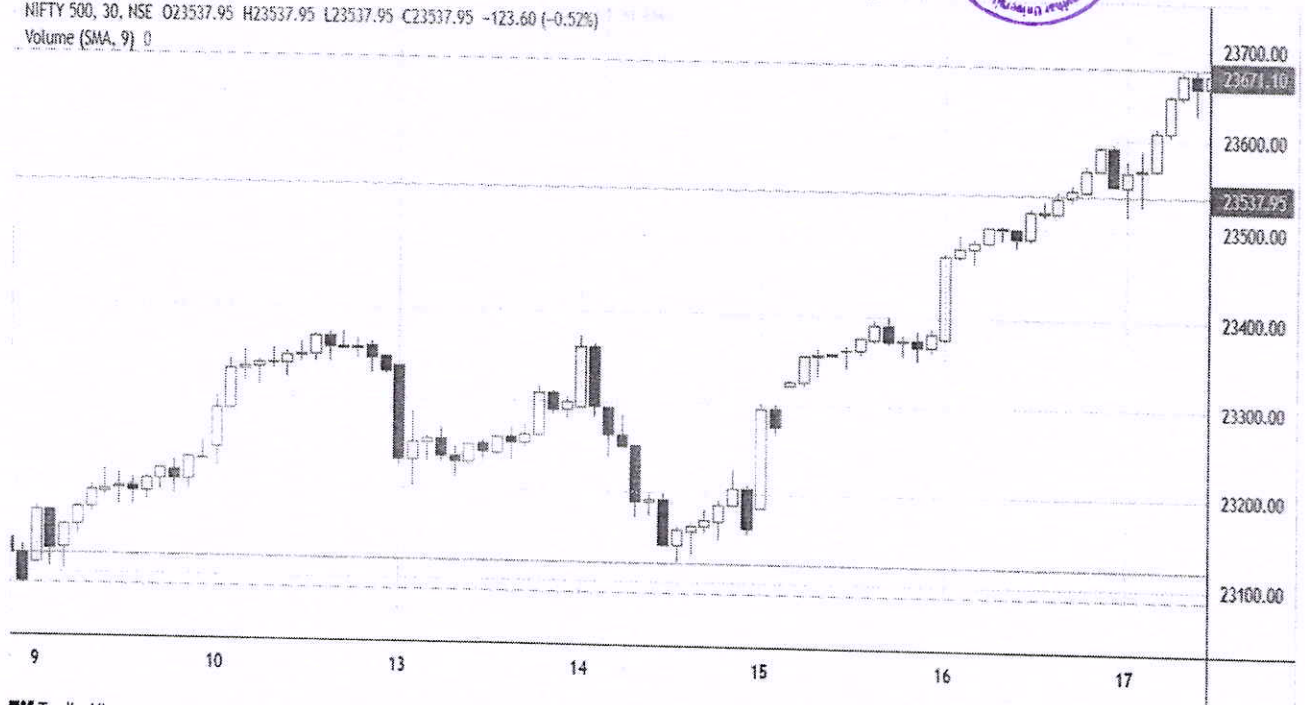


TV TradingView

Q3.B



NIFTY 500, 30, NSE O23537.95 H23537.95 L23537.95 C23537.95 -123.60 (-0.52%)  
Volume (SMA, 9) 0



TV TradingView





11



**SOMAIYA**  
VIDYAVIHAR UNIVERSITY



Semester (July to October 2025)			
Examination: End Semester Examination November 2025 (UG/PG Programmes)			
Programme code: 04		Class: TY	Semester: V (SVU 2025)
Programme: BFM			
Name of the Constituent College: DR.. SHANTILAL k. SOMAIYA SCHOOL OF COMMERCE & BUSINESS STUDIES		Name of the Department: Financial Markets	
Course Code: 231U04C504	Name of the Course: Financial Planning		
Duration : 1 Hr.	Maximum Marks : 30		
Instructions: 1) All questions carry equal marks 2) Answer any three questions out of four questions (10 marks each question) 3) Each question can be subdivided into two or three sub-questions / conceptual questions as per requirement of the course			

Question No.		Max. Marks	Co Attainment
Q.1 a)	List down the substitutes of crude oil? Like Ethanol, EV, hydrogen fuel and their impact on the economy.	5	CO1
b)	How will you explain to a client the sectors having life long demand (IT, Banks, FMCG, Pharmaceutical) and the sector which may emerge in future (energy, railway, defence, e-commerce) with examples.	5	CO1
Q.2 a)	How tariff war impacts the economy and what will be your advice to your client in this situation.	5	CO2
b)	Explain the industrial demand of Silver in different sectors.	5	CO2
Q.3 a)	Nifty is trading at 25000 what if it falls up to 21800, what will be your suggestion to your client.	5	CO3
b)	Which asset class will you suggest to allocate capital if your client age is 25 and monthly income is 80k per month. Give justification and sequence of investment like (health insurance, life insurance, MF, stock investments, FD)	5	CO3
Q.4	<b>Case Study 2: Budgeting and Financial Discipline</b> <b>Case:</b> Rohit earns ₹25,000 per month. His monthly expenses are as follows: Rent: ₹8,000 Food: ₹6,000 Transport: ₹2,000 Other expenses: ₹3,000 He wants to start saving systematically for emergencies and future goals. <b>Questions:</b> a) How much does Rohit have left after expenses? If he follows the 50-30-20 rule, how much should go to savings each month? b) Suggest one way he can improve his financial discipline. Why is having an emergency fund important?	10	CO4

