



# SOMAIYA

## VIDYAVIHAR UNIVERSITY

Somaiya School of Humanities and Social Science

### QUESTION PAPERS

<b>BRANCH: Bachelor of Science (Economics)</b>	<b>SEM: VI</b>
	<b>APR-2026</b>

Sr. No.	Subject	Available
1.	Foreign Exchange Market	
2.	Energy Economics	
3.	Risk Management	
4.	Indian Mutual Fund Industry	
5.		
6.		
7.		
8.		
9.		
10.		



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BSC. Eco  
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March/ April 2026			
Examination: End Semester Examination (UG Programmes)			
Programme code:31 Programme: BSC Economics		Class: TY	Semester: VI
Name of the Constituent College: Somaiya School of Humanities and Social Sciences		Name of the Department: Economics	
Course Code:		Name of the Course: Foreign exchange Market	
Duration : 2 Hrs.		Maximum Marks : 60	
Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary			

Question No.		Max. Marks	Co Attainment
Q.1	Explain the Following		
A	Summarize evolution of foreign exchange regime in India .	08	01
B	Write in detail about Capital Account Convertibility and its impact on Foreign Exchange Market.	07	01
	Or		
C	Elaborate on Foreign exchange risk and management	08	01
D	Which are different Financial instruments for transaction in Foreign Exchange Market?	07	01
Q.2	Explain the Following		
A	Explain the concept of Purchasing Power Parity and how it determines exchange rates.	07	02
B	Given the current forward exchange rate, how would you estimate the expected future spot rate using the unbiased forward rate hypothesis?	08	02
	Or		
C	Analyze Forward contract with real estate, gold and Foreign currency.	07	02
D	List down the uses of currency future.	08	03
Q.3	Explain the Following		
A	How Speculation with currency option can be done? Elaborate on.	08	03
B	What is management of Transaction risk ? Explain with suitable examples.	07	04
	Or		
C	Mention different Internal hedging strategies.	08	03
D	Analyze types of exchange rate systems.	07	04
Q.4	Explain the Following (any three)		
A	Differentiate between FERA and FEMA		01
B	Cross rates		02
C	Netting and offsetting		03
D	Summary of techniques of hedging and transaction exposure		04
E	Features of future contracts		04



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2/4/26  
Economics  
Sem-VI

<b>April 2026</b>		
<b>Examination: End Semester Examination (UG Programme)</b>		
<b>Programme code:</b> <b>Programme: BSc Economics</b>	<b>Class: TY</b>	<b>Semester: VI</b>
<b>Name of the School: School of Humanities and Social Sciences</b>	<b>Name of the Department: Economics</b>	
<b>Course Code:</b>	<b>Name of the Course: Energy Economics</b>	
<b>Duration: 2 Hrs.</b>	<b>Maximum Marks: 60</b>	
<b>Instructions: 1) Draw neat diagrams. 2) Assume suitable data if necessary</b>		

Question No.		Max. Marks	Co Attainment
Q.1	Answer the following questions		
A	What are the key differences in energy consumption patterns between developed and developing countries? Discuss critically.	08	01
B	Why do you think current energy systems is not consistent with goal of environmental sustainability in India? Explain	07	01
	OR		
C	Critically examine the process of deregulation in the natural gas market in India.	08	02
D	Explain how factors such as population growth, urbanisation, and economic development influence future energy demand in case of India.	07	01
Q.2			
A	Explain the electricity act, 2003	07	02
B	Analyse the role of natural gas in achieving India's decarbonisation goals.	08	02
	OR		
C	Explain the classification of Public Sector Enterprises in India based on performance and autonomy. Discuss the role of IREDA in achieving the goal of "ENERGY FOR EVER".	07	03

D	Discuss the role of different energy sources in shaping global energy security.	08	03
Q.3	Answer the following questions		
A	Discuss India's progress in reducing power shortages and improving electricity access from 2014-2025. What were the key schemes contributing to household electrification? (Hint: Data not required)	08	03
B	Critically discuss the role of coal in energy mix despite a wide expansion of renewable energy sources? Discuss the coal production and import trends from 2014-2025. (Hint: Data not required)	07	04
	OR		
C	How does global energy dependency influence the domestic economy of a country? (Hint: Explain it by taking the example of current global scenario)	08	04
D	Is it feasible to sustain rapid economic growth with low per capita carbon emissions? What measures are necessary to make this possible?	07	04
Q.4	Explain the Following with appropriate examples (any three)	15	
A	Policies on electricity by GOI		02
B	Energy sources Vs Climate change		04
C	Energy transition		01
D	Hydropower energy		03
E	Natural oil		04



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Economics  
Sem-VI

7 APR 2023

<b>March/April 2026</b>		
<b>Examination: In Semester Examination (UG Programmes)</b>		
<b>Programme code:</b> <b>Programme:</b> Risk Management	<b>Class:</b> TYBSC	<b>Semester:</b> VI
<b>Name of the School:</b> Somaiya School of Humanities and Social Science		<b>Name of the Department:</b> Economics
<b>Course Code:</b>	<b>Name of the Course:</b> Risk Management	
<b>Duration:</b> 2 Hr.	<b>Maximum Marks:</b> 60	
<b>Instructions:</b> 1) Draw neat diagrams 2) Assume suitable data if necessary		

Question No.1	Answer Any Two out of the following	Max. Marks:15	CO								
Q.1 (A)	Explain the Role of Stress Testing in Assessing Financial Risk.	7	1								
Q.1 (B)	Explain the Concept of Systemic Risk and Its Impact on the Financial System.	8	1								
<b>OR</b>											
Q.1 (C)	What is back testing? Explain its importance in validating risk models.	7	1								
Q.1 (D)	Explain Different Options Trading Strategies Used for Risk Management.	8	1								
Question No.2	Answer Any Two out of the following	Max. Marks:15	CO								
Q.2 (A)	Explain the Role of Interest Rate Models in Managing Interest Rate Risk.	7	2								
Q.2 (B)	Explain How Asset–Liability Management (ALM) Helps in Managing Interest Rate and Currency Risk.	8	2								
<b>OR</b>											
Q.2 (C)	Discuss the Role of Interest Rate Derivatives in Asset–Liability Management (ALM).	7	2								
Q.2 (D)	Discuss stress testing and worst-case scenario analysis in interest rate risk management.	8	2								
Question No.3	Answer Any Two out of the following	Max. Marks:15	CO								
Q.3 (A)	An investment generates the following cash flow: <table border="1" style="margin-left: 20px;"> <tr> <th>Year</th> <th>Cash Flow (₹)</th> </tr> <tr> <td>1</td> <td>4000</td> </tr> <tr> <td>2</td> <td>5000</td> </tr> <tr> <td>3</td> <td>7000</td> </tr> </table> <p>If the discount rate is 9%, calculate the present value of the investment.</p>	Year	Cash Flow (₹)	1	4000	2	5000	3	7000	7	3
Year	Cash Flow (₹)										
1	4000										
2	5000										
3	7000										
Q.3 (B)	A project requires an initial investment of ₹ 20,000 and generates cash inflows of ₹ 8,000 per year for 4 years. The discount rate is 10% Calculate the Net Present Value and state whether the project should be accepted.	8	3								
<b>OR</b>											
Q.3 (C)	Two investments, A and B, give the following cash flows. Discount rate= 10% Which investment is better? <table border="1" style="margin-left: 20px;"> <tr> <th>Year</th> <th>A (₹)</th> <th>B (₹)</th> </tr> </table>	Year	A (₹)	B (₹)	7	3					
Year	A (₹)	B (₹)									

	1	5000	3000		
	2	5000	4000		
	3	5000	6000		
Q.3 (D)	Problem 1–2-year bond A bond pays: <ul style="list-style-type: none"> <li>• ₹100 at end of year 1</li> <li>• ₹1,100 at end of year 2</li> </ul> Discount rate= 10% Calculate the weights of each cash flow.			8	3
<b>Question No.4</b>	Short notes (Answer <b>Any Three</b> out of the following)			<b>Max. Marks:15</b>	<b>CO</b>
Q.4 (A)	Objectives and functions of Asset–Liability Management in banks and financial institutions.			5	4
Q.4 (B)	Impact of interest rate fluctuations on bond portfolios.			5	4
Q.4 (C)	Challenges faced by long-term asset managers in managing assets and liabilities.			5	4
Q.4 (D)	Role of pension funds in asset–liability management.			5	4
Q.4 (E)	Sovereign wealth funds.			5	4

09 APR 2026


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<b>April 2026</b>		
<b>Examination: End Semester Examination (UG Programme)</b>		
<b>Programme code:</b> <b>Programme: TYBSC Hons. (Economics)</b>	<b>Class: TY</b>	<b>Semester: VI</b>
<b>Name of the Constituent College: Somaiya School of Humanities and Social Sciences</b>	<b>Name of the Department: Economics</b>	
<b>Course Code:</b>	<b>Name of the Course: Indian Mutual Fund Industry</b>	
<b>Duration : 2 Hr.</b>	<b>Maximum Marks : 60</b>	
<b>Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary 3)</b>		

Question No.		Max. Marks	CO
Q1	<b>Answer the following:</b> A) What are the roles and responsibilities of Trustee and Asset Management Company in a mutual fund B) Write in detail the legal structure and key regulatory guidelines while investing in mutual funds in India <u>OR</u> C) Highlight the legal and regulatory environment of fund mergers and scheme takeovers D) Explain the role of SEBI as a regulatory agency in mutual funds in India	7 8 7 8	CO1 CO1 CO1 CO1
Q 2	<b>Answer the following:</b> A) What are the key functions of SRO? B) Write in detail about debt mutual funds in India <u>OR</u> C) Write in detail about derivatives market in India D) What are the elements of an investment policy?	7 8 7 8	CO1 CO2 CO2 CO3
Q 3	<b>Answer the following:</b> A) What are the common restrictions on investment in mutual funds? B) What are the factors regarding performance evaluation of mutual funds? <u>OR</u> C) What are the key steps and considerations for tracking mutual funds performance? D) What is the role of an intermediary as a financial planner in mutual funds?	7 8 7 8	CO3 CO4 CO4 CO4
Q 4	<b>Answer the following conceptual questions: (Any 3)</b> A) Trusteeship issues in context of mutual funds B) Investor's rights and obligations C) Intersection of equity markets and mutual funds D) Intersection of derivatives markets and mutual funds E) Role of mutual funds in India	15	CO1 CO2 CO3 CO3 CO1