

Treasury Management in Financial Institutions (TMFI)

Full Marks: 100

Module A: Introduction to Treasury

- Meaning and function of Integrated Treasury, Nature of Integration, Money Market, Foreign Exchange Market, Relationship between Money Market and Foreign Exchange Market, Guidelines of Asset Liability Management.

Module B: Money Market

- Demand and Time Liabilities (DTL), Cash Reserve Ratio (CRR), Statutory Liquidity Ratio (SLR), why and how CRR and SLR maintained? Inter bank Money Market - Participants, Money Market Instruments - Call Money (Overnight), Repo, Reverse Repo, Inter bank Repo, SWAP, Treasury Bills and Treasury Bonds.

Module C: Foreign Exchange Management

- Foreign Exchange Markets, Foreign Exchange Rate Calculations and Uses, Foreign Exchange Quote Conventions, Assessment Risk to Exposures, Foreign Exchange Trading.

Module D: Asset Liability Management

- Liquidity Management, Tools of Liquidity Management- Liquidity Coverage Ratio (LCR), Net Stable Funding Ratio (NSFR), ADR / IDR, Wholesale Borrowing Limit (WB), Structural Liquidity Profile (SLP), Maximum Cumulative Outflow (MCO), Liquidity Contingency Plan (LCP). ALCO-Formation, Responsibilities, ALM desk, ALCO Papers, Structure and functions of Front Office, Mid Office & Back office, Balance Sheet and Capital Planning, Transfer pricing of Assets & liabilities.

Module E: Derivatives

- Forward contract, Futures contract, Options, Investment Derivatives, Commodity Derivatives, Credit Derivatives.

Module F: Fixed Income

- Fixed Income Market, Fixed Income Investments, Bond Pricing-Yield to maturity, Duration and convexity, Primary and secondary market of Govt. Securities, DIBOR, Primary Dealer Activities.

Module G: Risk Management

- Risks Factors in Bank, Interest rate risk and exchange rate Risk management, Risk Management Limits and Reporting, Implication of BASEL-iii and Risk Management of Capital market Exposures.

References:

1. Frank J. Fabozzi, The Handbook of Fixed Income Securities, McGraw Hill 6th Edition.
2. Basic Treasury, Citibank Training & Development Center, Self Instruction Series
3. Introduction to Foreign Exchange, Citibank Training & Development Center. Self Instruction Series
4. Frank J. Fabozzi CFA and Martin L. Leibowitz, Fixed Income Analysis, CFA Institute Investment Series
5. Interest Rates, Citibank Training & Development Center, Self Instruction Series
6. John C Hull, Options, Futures & Other Derivatives, Prentice Hall, 7th Edition.
7. Introduction to Risk Management, Training & Development Center, Self Instruction Series
8. Timothy M. Weithers, Foreign Exchange: A Practical Guide to the FX Markets, Wiley Finance.
9. Edwin J. Elton, Martin J. Gruber, Stephen J. Brown, William N. Goetzmann; Modern Portfolio Theory and Investment Analysis

