

Nagindas Khandwala College (Autonomous)



**Revised Syllabus
And
Question Paper Pattern
Of Course**

**Bachelor of Commerce in Financial Market (BFM)
Programme
Second Year
Semester III
(To be implemented from Academic Year 2018-19)**

**Nagindas Khandwala College of Commerce, Arts and Management Studies
(Autonomous)**

Affiliated to Mumbai University

B. Com in Financial Market (BFM)

For Students Admitted from A.Y. 2018-2019 & Onwards

SYBFM - Semester III							
Course Code	Course	Hrs. of Instruction / week	Exam Duration (Hours)	Maximum Marks			Credits
				CIE	SEE	Total	
1631UFMDM	Part II Core 1: Debt Markets-I	3	2 ½ hrs	25	75	100	3
1632UFMEM	Core 2: Equity Markets-I	3	2 ½ hrs	25	75	100	3
1633UFMCM	Core 3: Commodity Market	3	2 ½ hrs	25	75	100	3
1634UFMMM	Core 4: Foundation Course in Financial Markets (Money Market)-III	3	2 ½ hrs	25	75	100	2
1635UFMMA	DSE (Core) 1: Management Accounting	3	2 ½ hrs	25	75	100	3
1636UFMBL	DSE (Core) 2: Business Law- I	3	2 ½ hrs	25	75	100	3
1637UFMCS	DSE (allied) 1: Computer Skills	3	2 1/2hrs.	25	75	100	3
	Total	21					20

**Revised Syllabus of Courses of B.Com. (Financial Markets) Programme at Semester
III with Effect from the Academic Year 2018-2019**

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
Part II Core 1 Debt Markets-I 1631UFMDM	3	2 ½	25	75	100	3

Debt Markets-I

Modules at a Glance

SN	Modules
1	Introduction to the Debt Markets
2	Instruments and Players in Debt Markets
3	Bonds
4	Valuation Of Bonds

SN	Modules/Units
1	Introduction to the Debt Markets
	<ul style="list-style-type: none"> • Evolution of Debt Markets in India • Money market & Debt Market in India • Fundamental features of debt instruments • Regulatory framework in the Indian debt market
2	Instruments and Players in Debt Markets
	<ul style="list-style-type: none"> • Central Government Securities:bonds, t-bills ,state government bonds, • Open market operations • Securities Trading Corporation of India • Primary dealers in Government Securities
3	Bonds
	<ul style="list-style-type: none"> • Features of bonds • Types of bonds • Issuers of bonds • Bond ratings-importance & relevance and rating agencies. • Bond market indices and benchmarks.
4	Valuation Of Bonds
	<ul style="list-style-type: none"> • Determinants of the value of bonds • Primary market & secondary market • Bond Mathematics • Yield Curve Analysis

Reference Books
Debt Markets
<ol style="list-style-type: none"> 1. Bhardwaj,Gautam,(2008),The Future of India 's Debt Market,Tata McGrawHill. 2. Suryanarayan,(2002),Debt Market, ICFAI Publication Press. 3. Fabozzi, Frank,(2004),FixedIncomeAnalysisWorkbook,2ndedition,JohnWiley&Sons 4. Shah, Ajay,Thomas,Sushan and Gorham,Michael,(2008),Indian Financial Markets, Elsevier, 5. FIMMDA-NSE Debt Market(Basic)Module, Workbook from NSE. 6. Dunand Bradstreet,(2008),Fixed Income Securities, Tata McGraw Hill.

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
Part II Core 2 Equity Markets-I 1632UFMEM	3	2 ½	25	75	100	3

Equity Markets-I

Modules at a Glance

SN	Modules
1	Introduction
2	Market for Equity-Primary Markets
3	Market For Equity-Secondary Markets
4	Importance of Equity Markets in a Developing Country like India

SN	Modules/Units
1	Introduction
	<ul style="list-style-type: none"> • Meaning and Definition of equity shares • Growth of Corporate Sector and the simultaneous growth of equity shareholders • Divorce between ownership and management in companies • Development of equity culture in India • Current position
2	Market for Equity-Primary Markets
	<ul style="list-style-type: none"> • IPO-Methods followed ,Book Building • Role of Merchant bankers in fixing the price • Red-Herring Prospectus:it's unique features • ASBA and its features • Green Shoe option-Sweat equity, ESOP • Rights issue of shares, Non-voting shares, ADR,GDR,IDR
3	Market For Equity-Secondary Markets
	<ul style="list-style-type: none"> • Definition and functions of stock Exchanges • Evolution and Growth of Stock Exchanges • Stock Exchanges in India • NSE, BSE, OTCEI and Overseas Stock Exchanges • Recent Development in Stock Exchanges ,Merger of SEBI with FOMC • Stock Market Indices
4	Importance of Equity Markets in a Developing Country like India
	<ul style="list-style-type: none"> • Need for attracting more investors towards equity • Need for strengthening secondary markets • Link between Primary Market and Secondary Market

Reference Books
Equity Markets
<ol style="list-style-type: none"> 1. Equity Markets in India-Shveta singh & PK Jain 2. Equity and Debt Markets-Hardeep Kaur 3. An Introduction to Equity Markets-David Dasey

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
Part II Core 3 Commodity Market 1633UFMCM	3	2 ½	25	75	100	3

Commodity Market

Modules at a Glance

SN	Modules
1	Introduction to Commodity Market
2	Strengthening Commodity Market in India
3	Commodity Exchanges
4	Commodity Market in India

SN	Modules/Units
1	Introduction to Commodity Market
	<ul style="list-style-type: none"> • Emergence of Commodity Market • Dynamics of global commodity market • Indian commodity markets-Current status & future prospects
2	Strengthening Commodity Market in India
	<ul style="list-style-type: none"> • Role of Government • Role of Commodity Exchanges • Other Institutions • Training & development of Dealers
3	Commodity Exchanges
	<ul style="list-style-type: none"> • Function & Role • Trading & Clearing methods • Commodity futures • Commodity Specific Exchanges Vs Multi Commodity Exchanges
4	Commodity Market in India
	<ul style="list-style-type: none"> • Commodity Exchanges in India • Role of Information in Commodity Markets • Linkages between equity market and commodity market • Commodity markets-Logistics and Warehousing

Reference Books
Commodity Market/ Commodity Derivatives
<ol style="list-style-type: none"> 1. Commodities Market Module, Workbook from NSE 2. Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill. 3. Kleinman, George, (2001), Commodity Futures & Options, 2nd (revised, illustrated edition), Prentice Hall. 4. Stephens, John. (2001), Managing Commodity Risk, John Wiley & Sons. 5. Indian Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India Ltd

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
Part II Core 4 Foundation Course-III (Money Market) 1634UFMMM	3	2 ½	25	75	100	2

Foundation Course-III (Money Market)

Modules at a Glance

SN	Modules
1	Introduction
2	Regulatory Framework of RBI ,FIMMDA
3	Money Market Instruments
4	Recent developments in Money Market

SN	Modules/Units
1	Introduction
	<ul style="list-style-type: none"> • Meaning of Money Market, features of money markets, importance of money market: Development of trade & industry, Development of capital market, Role of Banks and Primary dealers in Money Market. • Structure of Indian Money Market ORGANISED STRUCTURE: Reserve bank of India, DFHI (discount and finance house of India), Commercial banks- Public sector banks, SBI & subsidiaries, Cooperative banks, nationalized banks, Private banks-Indian Banks & foreign banks ,Development bank NABARD ,LIC, GIC,UTI etc. UNORGANISEDSECTOR:Indigenous banks, Moneylenders, Chits, Nidhis CO-OPERATIVESECTOR:State cooperative:central cooperative banks, Primary Agri credit societies, Primary urban banks, State Land development banks, central and development banks, Primary land development banks
2	Regulatory framework of RBI ,FIMMDA
	<ul style="list-style-type: none"> • Regulatory framework of RBI and monetary Policy, FIMMDA (Fixed Income, Money Market and Derivative Association of India), Foreign Exchange Dealer Association of India), RBI – Negotiated Dealing System- Order Matching
3	Money Market Instruments
	<ul style="list-style-type: none"> • Conventional: Treasury bills, Money at call and short notice in the call loan market.,Commercial bills, promissory notes in the bill market. • Modern: Commercial papers, Certificate of deposit, Inter-bank participation certificates, Repo instrument, Banker's Acceptance ,Repurchase agreement, • Money Market mutual fund:Meaning, advantages and disadvantages ,regulatory framework for money market mutual funds, various money market funds operational in Indian market
4	Recent developments in Money Market
	<p>Recent development in Money Market:Integration of unorganized sector with the organized sector, Widening of call Money market, Introduction of innovative instrument, Offering of Market rates of interest, Promotion of bill culture, Entry of Money market mutual funds, Setting up of credit rating agencies, Adoption of suitable monetary policy, Establishment of DFHI, Setting up of security trading corporation of India ltd.(STCI)</p>

Reference Books

Money Markets

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| <ol style="list-style-type: none">1. Money Market Operations in India-AK Sengupta2. The Indian Money Market-Krishna Kumarsharma3. Stiguam 'sMoney Market-MarciaStigum4. CNBC Guide to Money andMarkets |
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Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
DSE (Core) Management Accounting 1635UFMMA	3	2 ½	25	75	100	3

Management Accounting

Modules at a Glance

SN	Modules
1	Introduction to Management
2	Analysis and Interpretation of Accounts
3	Cash flow statements and Fund flow statements
4	Working Capital Management

SN	Modules/Units
1	Introduction to Management
	<ul style="list-style-type: none"> • Meaning, Nature, Uses, Scope & Function of Management Accounting, Role of Management Accounting in decision making, Tools & Techniques of Management Accounting.
2	Analysis and Interpretation of accounts
	<ul style="list-style-type: none"> • Financial Statements Analysis: Meaning & Types of Financial statements, Limitations of Financial Statements, Objectives of Financial statements, Interpretation of Financial statements ,Inter-Firm &Intra-firm comparison with the help of ratio, comparative ,common size & trend analysis • Ratio Analysis <ul style="list-style-type: none"> a) Balance Sheet Ratios: <ul style="list-style-type: none"> i) Current Ratio ii) Liquid Ratio iii) Stock Working Capital Ratio iv) Proprietary Ratio v) Debt Equity Ratio vi) Capital Gearing Ratio b) Revenue Statement Ratios: <ul style="list-style-type: none"> i) Gross Profit Ratio ii) Expenses Ratio iii) Operating Ratio iv) Net Profit Ratio v) Net Operating Profit Ratio vi) Stock Turnover Ratio c) Combined Ratio <ul style="list-style-type: none"> i) Return on Capital employed (Including Long Term Borrowings) ii) Return on proprietor's Fund (Shareholders Fund and Preference Capital) iii) Return on Equity Capital
3	Cash Flow statements and Fund Flow statements
	<ul style="list-style-type: none"> • Cash Flow statement • Fund Flow statement
4	Working Capital Management
	<ul style="list-style-type: none"> • Practical questions on estimation of working capital for trading and manufacturing concern

Reference Books

Management Accounting

1. Prasanna Chandra: Financial Management (TMH),
2. I.M. Pandey–Financial Management (Vikas),
3. M. Y. Khan & P. K. Jain–Financial Management (TMH),
4. Brigham & Houston–Fundamentals of Financial Management., Thomson Cengage Learning
5. Fundamentals of Financial Management–Vanhorns & Bhandari-Pearson evaluation.
6. Contemporary Financial Management–Kothari & Dutta–Machanilan India Ltd.
7. Financial Markets & Institution–Guruswamy–Thomson/Cengage Learning

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
DSE (Core) 2 Business Law- I 1636UFMBL	3	2 ½	25	75	100	3

Business Law-I

Modules at a Glance

SN	Modules
1	Indian Contract Act 1872
2	Special Contracts
3	The Sale of Goods Act 1930
4	Negotiable instruments Act 1881

SN	Modules/Units
1	Indian Contract Act 1872
	<ul style="list-style-type: none"> • Definitions (S.2):Agreement, kinds of Agreements, Contract-kinds of contracts: Valid, Void, Voidable, Contingent and Quasi Contract and E-contract, distinguish between Agreement and Contract. • Offer or Proposal:definition, Essentials of Valid proposal or offer, counter offer, Standing or open offer, distinguish between offer and invitation to offer, Acceptance-definition, Essentials of a valid acceptance, Promise. Communication of Offer and acceptance and Revocation. • Capacity to contract (Ss.10-12),Consent and Free Consent (Ss.13-22) • Consideration(S.2and25)and Void Agreements(Ss.24-30)
2	Special contracts
	<ul style="list-style-type: none"> • Law of Indemnity and Guarantee (Ss.124-125,Ss-126-129,132-147) • Law of Bailment and pledge (Ss.(Secs148,152-154,162,172,178,178Aand179) • Law of Agency (S.182-185&201-209only)
3	The Sale of Goods Act 1930
	<ul style="list-style-type: none"> • Introduction, Definitions (Sec-2), Formalities of the contract of sale(Ss.4-10), Distinction between 'sale'and 'agreement of sell ,Distinction between 'sale and hire-purchase agreement'Conditions and Warranties(11-17) • Transfer of property as between the seller and the buyer(sec-18-26) • Rights of an unpaid seller(Secs-45-54)
4	Negotiable Instruments Act 1881
	<ul style="list-style-type: none"> • Meaning and Characteristics of Negotiable Instrument, Operational rules of • Evidence- Presumptions, classification of Negotiable Instruments. Promissory Notes and Bills of Exchange(Ss. 4,5,108-116) Essential elements of Promissory Note and Bill of Exchange, distinguish between Promissory note and Bill of Exchange.Acceptor and Acceptance, • Definition of Acceptor, Acceptance for honour, Absolute and qualified or conditional acceptance, Drawer, Drawee in case of Need(Ss.7,115&116) Payee, Cheques,TypesofChequeandPenaltiesincaseofdishonourofcertaincheques, distinguish between cheque and Bill of exchange,(Secs:6,123-131A,138-147) • Miscellaneous Provisions: (Secs:8-10,22,99-102,118-122,134-137)Holder(S.8), Holder In Due Course(S.9),Rights and privileges of H.D.C.Payment in due course (S.10),Maturity of an Instrument(S.22),Noting (S.99),Protest(S.100-102).Bills in Set.(Sec.13)

Reference Books

Business

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| <ol style="list-style-type: none">1. Indian Contract Act ,Sale of Goods Act and Partnership Act–Desai TR–SC–Sarkar and sons2. The Negotiable Instruments Act–Khergamwala JS–NM Tripathy3. The Principles of Mercantile Law–Singh Avtar–Eastern BooksCo.4. Companies Act 2013 by Ravi Puliani, Bharat Publication5. Companies Act 2013 by Taxmann |
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Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
DSE (Allied) 1 Computer Skills 1637UFMCS	3	2 ½	25	75	100	3

Computer Skills

Modules at a Glance

SN	Modules
1	Data Based Management systems
2	Advanced Spread sheet
3	Modern E Business Software systems
4	Other Emerging Technologies

SN	Modules/Units
1	Data Based Management systems
	Concepts, Tables, Fields, Data types RDBMS Primary Key, Foreign Key
2	Advanced Spread sheet
	Pivot, Advanced formulae, Lookups, Macros, Working with other programmes, Inserting a spreadsheet sheet in word document, modifying an inserted spreadsheet, Inserting a linked chart in a Word Document, Inserting graphic in a spreadsheet
3	Modern E Business Software systems
	Introduction : Enterprise Resource Planning – ERP Supply chain Management- SCM Customer Relationship Management- CRM Sales Force Automation- SFA
4	Other Emerging Technologies
	Online trading software Net-banking Online banking software

Reference Books
Computer Skills
<ol style="list-style-type: none"> 1. Fundamentals of Computers – Rajaram V – Prentice Hall 2. Computer today (3rd edition) – Sanders, Donald H – McGraw Hill 3. Computers and Common sense – Hunt, Roger and Shelly John – Prentice Hall 4. Computers – Subramaniam N – Wheeler 5. Introduction to Computers – Xavier C. – New Age 6. Computer in Business – Sanders D – McGraw Hill 7. Computers and Information Management – S C Bhatnagar & V Ramant – Prentice Hall 8. Internet for Business – Brummer, Lavrej – Cambridge 9. E-mail for Everyone – Leon Alexis & Leon – Methews

Question Paper Pattern

(Internal Test)

Sr. No.	Particular	Marks
1	One class test (20 Marks)	
	Match the Column/ Fill in the Blanks/ Multiple Choice Questions <i>(½ Mark each)</i>	05 Marks
	Answer in One or Two Lines (Concept based Questions) <i>(01 Mark each)</i>	05 Marks
	Answer in Brief (Attempt Any Two of the Three) <i>(05 Marks each)</i>	10 Marks
2	Assignment, Presentation or Viva	10 Marks
3	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities and attendance	05 Marks

B. Semester End Examination: 75 %

- i) Duration: The examination shall be of 2 ½ Hours duration
- ii) Theory question paper pattern
 - There shall be five questions each of 15 marks with Question 5 as case study.
 - All questions shall be compulsory with internal choice within the questions.
 - Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the topic.

(Detail question paper pattern has been given separately)

Maximum Marks: 75

Questions to be Set: 05

Duration :2½.

All Questions are Compulsory Carrying 15 Marks each.

Q-1	Full length Question OR Full length Question	15 Marks
Q-2	Full length Question OR Full length Question	15 Marks
Q-3	Full length Question OR Full length Question	15 Marks
Q-4	Full length Question OR Full length Question	15 Marks
Q-5	Case Study (3 Questions)	15 Marks

Q1-4 may be sub divided in to small questions of 7/8 marks depending upon the requirement of subject.

Any subject based on law should be based on the act/regulation I forecast on 1st April of every financial year.

Nagindas Khandwala College (Autonomous)



Revised Syllabus

And

Question Paper Pattern

Of Course

Bachelor of Commerce in Financial Market (BFM)

Programme

Second Year

Semester IV

(To be implemented from Academic Year 2018-19)

Nagindas Khandwala College of Commerce, Arts and Management Studies
(Autonomous)
Affiliated to Mumbai University

B. Com in Financial Markets (BFM)

For Students Admitted from A.Y. 2018-2019 & Onwards

SYBFM - Semester IV							
Course Code	Course	Hrs. of Instruction/ week	Exam Duration (Hours)	Maximum Marks			Credits
				CIE	SEE	Total	
1641UFMDM	Part II Core 1: Debt Markets –II	3	2 ½ hrs	25	75	100	3
1642UFMEM	Core 2: Equity Markets - II	3	2 ½ hrs	25	75	100	3
1643UFMCD	Core 3: Commodity Derivatives	3	2 ½ hrs	25	75	100	3
1644UFMFM	Core 4: Foundation Course-IV (Foreign Exchange Market)	3	2 ½ hrs	25	75	100	3
1645UFMCF	DSE (Core) 1: Corporate Finance	3	2 ½ hrs	25	75	100	3
1646UFMBL	DSE (Core) 2: Business Law-II	3	2 ½ hrs	25	75	100	3
1647UFMCI	DSE (allied) 1: Computer in Investments	3	21/2hrs.	25	75	100	2
Total		21					20

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
PII Core 1 Debt Markets II 1641UFMDM	3	2 ½	25	75	100	3

Debt Markets-II

Modules at a Glance

SN	Modules
1	Basic Concepts and Fixed Income Mathematics
2	Valuation
3	Tracking Fixed Income Markets
4	Portfolio Management-Fixed Income

SN	Modules/Units
1	Basic Concepts and Fixed Income Mathematics
	<ul style="list-style-type: none"> • Introduction to fixed income pricing • Yield curve, Bond mathematics • Duration and Convexity • Duration-including modified and Maculay Duration ,Convexity
2	Valuation
	<ul style="list-style-type: none"> • Valuation of simple debt instruments, Valuation of bonds , Bond prices and interest rates • Valuation of complex debt instruments • Valuationofconvertiblebonds,Valuationofoptions,BlackScholesoptionpricing models, Introduction to the Greeks • Exotic debt instruments • MBS, CDS, Principal protected ELD,CDO
3	Tracking Fixed Income Markets
	<ul style="list-style-type: none"> • Types of International Bonds, Tracking bond markets •The bond traders arsenal of economic indicators ,Inflation ,Monetary policy, Government deficits ,Currency valuation, The sub prime crisis and the role of debt markets in the crisis–Then and now
4	Portfolio Management-Fixed Income
	<p>Meaning, Need, Objectives and Scope of Portfolio management</p> <p>Bond portfolio management strategies: What is a bond portfolio strategies, Types of bond management strategy, Active ,passive ,neutral strategies</p>

Reference Books
Debt Markets
<ol style="list-style-type: none"> 1. Bhardwaj,Gautam,(2008),The Future of India 's Debt Market ,Tata Mc Graw Hill. 2. Suryanarayan,(2002),Debt Market, ICFAI Publication Press. 3. Fabozzi, Frank,(2004),Fixed Income Analysis Workbook, 2nd edition,John Wiley&Sons 4. Shah, Ajay, Thomas,Sushan and Gorham,Michael,(2008),Indian Financial Markets, Elsevier, USA 5. FIMMDA-NSE Debt Market (Basic) Module, Work book from NSE. 6. Dun and Bradstreet,(2008),Fixed Income Securities, Tata McGraw Hill.

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
PII Core 2 Equity Markets- II 1642UFMEM	3	2 ½	25	75	100	3

Equity Markets-II

Modules at a Glance

SN	Modules
1	Developments in the Indian Equity Market
2	Security Analysis & Valuation of Securities
3	Statistical Analysis of Share price movement
4	Dealings In Stock Exchanges

SN	Modules/Units
1	Developments in the Indian Equity Market
	<ul style="list-style-type: none"> • Domestic savings & investments • Disinvestments ,FDI & Foreign Institution Investment • Role of Retail Investors • Share Price & Share Price Volatility • Role of SEBI
2	Security Analysis & Valuation of Securities
	<ul style="list-style-type: none"> • Factors affecting Share Prices • Fundamental Analysis In detail. • Technical Analysis in detail • Macro Economic factors • Market related factors
3	Statistical Analysis of Share price movement
	<ul style="list-style-type: none"> • Efficient Market Hypothesis • Stochastic Models • Brownian Motion
4	Dealings in Stock Exchanges
	<ul style="list-style-type: none"> • Role of Brokers • Stock Market Quotations • Procedure for buying & selling • BOLT-On Line Trading/NEAT System • Clearing & Settlement

Reference Books
Equity Markets
<ol style="list-style-type: none"> 1. Equity Markets in India-Shveta singh & PK Jain 2. Equity and Debt Markets-Hardeep Kaur 3. An Introduction to Equity Markets-David Dasey

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
PII Core 3 Commodity Derivatives 1643UFMCD	3	2 ½	25	75	100	3

Commodity Derivatives

Modules at a Glance

SN	Modules
1	Introduction of Derivatives
2	Pricing commodity derivatives
3	Trading
4	Regulatory Framework

SN	Modules/Units
1	Introduction of Derivatives
	<ul style="list-style-type: none"> • Derivatives definition, types of derivatives, products ,participants and functions, exchange trade dvs. OTC derivatives.How commodity derivatives differ from financial derivatives, warehousing, quantity of underlying assets, global commodities exchange, commodities exchange in India, commodities permitted for trading, Kabra committee report, commodity specific issues - cropping and growth patterns, Global domestic demand -supply dynamics, price trends and factors that influence prices, Instrument available for trading : Types of instruments(futures and options),basics, payoffs
2	Pricing commodity derivatives
	<ul style="list-style-type: none"> • Investment assets vs. consumption assets, The cost of carry model - pricing futures contracts on investment commodities ,pricing futures contracts on consumption commodities, The futures basics, Concept of Hedging, Speculation, Arbitrage
3	Trading
	<ul style="list-style-type: none"> •Basic concepts such as margins, circuit filters- delivery norms–contract specifications, trading system, and entities in the trading system, trader workstation, order types and conditions ,exposure limits. •Commodities to be traded: Types of commodities:Bullion(silver and Gold), Agricultural commodities. • Clearing, settlement and Risk Management: calendar and settlement schedule, Position determination, settlement mechanism, daily mark to market settlement, settlement price- daily settlement price, final settlement price, Margining–Initial margin, Daily mark to Market margin ,open interest limits ,second line of defence, NSCCL span. • Final Settlement:Cash settlement, physical settlement(warehousing)
4	Regulatory Framework
	<ul style="list-style-type: none"> • Forward market commission-Rules governing Commodity • Derivatives Exchange, Rules Governing Intermediaries, Investor Grievances, Arbitration Rules.

Reference Books

Commodity Markets/Commodity Derivatives
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| <ol style="list-style-type: none">1. Commodities Market Module, Workbook from NSE2. Chatnani,(2010),CommodityMarkets,1stedition,TataMcGrawHill.3. Kleinman,George,(2001),Commodity Futures & Options,2nd(revised, illustrated edition), Prentice Hall.4. Stephens ,John.(2001),Managing Commodity Risk, John Wiley & Sons.5. Indian Institute of Banking & Finance,(2007),Commodity Derivatives ,Macmillan India Ltd |
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Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
PII Core 4 Foundation Course-IV (Foreign Exchange Market) 1644UFMFM	3	2 ½	25	75	100	3

Foundation Course-IV (Foreign Exchange Market)
Modules at a Glance

SN	Modules
1	Introduction to Foreign Exchange Market
2	Market Participants
3	Some important operational aspects of Foreign Exchange Market and Foreign Exchange Contracts
4	Foreign Exchange Arithmetic and Risk Management

SN	Modules/Units
1	Introduction to Foreign Exchange Market
	<ul style="list-style-type: none"> • Forex trading volume, For extra trading locations • Details about major traded currencies, Evolution of foreign exchange market and foreign exchange System
2	Market Participants
	<ul style="list-style-type: none"> • Banks and financial institutions, Merchants, Other customers ,Speculators and hedgers Central banks ,Forex Dealers/market makers and brokers ,Forex Trading and SWIFT Robots and forex trading
3	Some important operational aspects of Foreign Exchange Market and Foreign Exchange Contracts
	<ul style="list-style-type: none"> • Floating Rate, Currency Boards & Currency Basket Systems: Brief review on various exchange rate regime, Advantages of free and fixed exchange rate regime, Pros & cons of managed floating exchange rate regime Prevalence of Currency Boards Regime, Practice of Currency Basket Regime • Foreign Exchange Contracts: Spot and Forward Contracts Cash, Spot trading: Trade Date, settlement PR date Spot trading rollover mechanism, Foreign Exchange Forward contracts ,Fixed Maturity Contract, Partially Optional ,Contract, Fully Optional Contract, Non-Delivery Forward Contracts, Foreign Exchange Futures Contract, Different dimensions of foreign exchange future contract specification trading at National Stock Exchange of India.
4	Foreign Exchange Arithmetic and Risk Management
	<ul style="list-style-type: none"> • Types of Exchange Rate: Direct Indirect Cross Rate-Arbitrage-Geographical, Triangular Interstate-Spot Contracts, Forward contracts and Swap Points • The risks element in foreign exchange markets Need &Importance of foreign exchange management Methods adopted (spot &forward, arbitrage, cross currency deals ,swaps ,options & futures)

Reference Books
Foreign Exchange Markets
<ol style="list-style-type: none"> 1. Foreign Exchange Market-Dun and Bradstreet 2. International Financial Markets and Foreign Exchange-Shashi K Gupta and Parneet Ranjgi

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
DSE (Core) 1 Corporate Finance 1645UFMCF	3	2 ½	25	75	100	3

Corporate Finance

Modules at a Glance

SN	Modules
1	Overview and Planning Corporate Financial Activities
2	Controlling the Corporate Financial Activities
3	Sources and Methods of Raising Corporate Finance
4	Corporate Financial Activities

SN	Modules/Units
1	Overview and Planning Corporate Financial Activities
	<ul style="list-style-type: none"> • Emergence of corporate finance, Need, Role and functions of corporate financial manager • Planning the corporate financial activities: Cost of Capital, Break-even analysis.
2	Controlling the Corporate Financial Activities
	<ul style="list-style-type: none"> • Role of Financial institution in long term finance • Maximizing the wealth of shareholders • Corporate governance practices. • Controlling Mechanism if RBI in raising corporate finance
3	Sources and Methods of Raising Corporate Finance
	<ul style="list-style-type: none"> • Types and features of corporate securities currently available • Management of new issues including pricing of securities • Commercial banks and investment banks in financing the corporate sector • Leasing as a method of corporate finance • Venture Financing • Credit rating services
4	Corporate Financial Activities
	<ul style="list-style-type: none"> • Capital structure • Capital Budgeting-Pay back period, NPV ,ARR ,DCF analysis

Reference Books
Corporate Finance
<ol style="list-style-type: none"> 1. Cost Management by Saxena & Vashist 2. Cost & Management Accounting by Ravi N.Kishor,Publication Tax month 3. Essential of Management Accounting by P.N.Reddy,Himalaye 4. Advanced Management Accounting by Robert S Kailar,Holl 5. Financial Of Management Accounting by S.R. Varshney,Wisdom 6. Introduction of Management Accounting by Charbs T Horngram, PHI Learning 7. Management Accounting by I.m.Pandey,Vikas 8. Cost & Management Accounting by D.K.Mattal,Galgotia 9. Management Accounting by Khan & Jain,TataMcgraw Hill 10. Management Accounting by R.P.Resstogi

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
DSE (Core) 2 Business Law- II 1646UFMBL	3	2 ½	25	75	100	3

**Business Law-II
Modules at a Glance**

SN	Modules
1	CompaniesAct,2013
2	IPR, copy rights and trade mark
3	PartnershipAct,1932
4	Consumer Protection Act,1986 and Competition Act,2002

SN	Modules/Units
1	Companies Act, 2013
	<ul style="list-style-type: none"> • Company and its formation, Definition and Nature of Company, Advantages and Disadvantages of a Company, Lifting of Corporate Veil with cases, Promoters and preliminary contracts (S.92-93), Types of Companies. (Meaning and Concepts Only) Chartered Companies Statutory Companies, Registered companies under the Act. OPC (S. 3(1)), Companies limited by shares, Companies Limited by guarantee, Private Company, Public Company, Producer Companies(Sec581A to 581Z-) Formation of Companies with charitable objects(Sec.8), Holding Company and Subsidiary company, Small Company(S. 2(85)) Dormant Company(S.455) Documents and procedure for Incorporation of Company, Effect of Incorporation.(S.9) • Membership of a Company: Who can become member, Modes of acquiring membership, Cessation of membership, Rights and Liabilities of Members • Memorandum of Association and Articles of Association: Meaning, Concept, Clauses, effects of Memorandum and articles, Doctrine of Ultra Vires, Doctrine of Indoor Management, Doctrine of Constructive Notice. • Prospectus: Meaning(S.2) When to be issued, When not required, Various kinds Of prospectus, legal framework for issuance of Prospectus, Contents of Prospectus, Private Placements • Classification of Directors, women directors, independent director, small shareholder's director, disqualification of a director, Director Identification number, appointment, Legal position, powers and duties, Position of director as key managerial personnel, managing director, manager. • Meetings: Various types of meeting of shareholders and board, convening and conduct of meetings, postal ballot, meetings through video conferencing, e- voting.
2	IPR, copy rights and trademarks
	<ul style="list-style-type: none"> • Intellectual Property rights in India Introduction and Types. • Patents- Meaning, Salient features of Patent Conditions for an invention to be patented, what is Patentable, What is not patentable? Procedure for Obtaining a Patent, Opposition to Grant of Patent (S.25,26) Term of Patent, How does a patent expire? Remedies available to the Patent Owner for Infringement of Patent Rights. • Copyrights: Meaning(S.14) Copyright Board and registration of Copyright(S.11, S.44-50) Term of Copy right (S.22-29) What works are protected, rights, who owns the rights and duration. Meaning of Fair use. Infringement of Copyrights and remedies(S.51-55,57,58,63,64,65) • Trademarks, Meaning Concept, functions of Trademark, Types of Trade Marks, Trade marks that cannot be registered Registration of Trade Mark, Procedure for Registration of TM, Infringement and remedies, passing off, service marks.

3	<p>Partnership Act, 1932</p> <ul style="list-style-type: none"> • Indian Partnership Act, 1932 (Sections, 4, 5, 6, 7, 8, 14 & 39-55): Definition, Essentials, Types of Partnerships and types of Partners Test of partnership, and Sharing of profits is not there al test of partnership (Sec 6), Partnership deed, and property of the firm, • Reconstitution of Partnership firms, Dissolution of the firm. Limited Liability Partnership, 2008: Definitions (S. 2), Body corporate, Business, Partner. Concept, Salient features, Nature of LLP (Ss-3-10) Distinction between LLP and partnership, and LLP and LLP and Company Extent and limitation of liability of LLP and its partners (Ss. 26-31) Conversion to LLP (Ss. 55-58) Winding up and Dissolution of the LLP (Ss. 63-65)
4	<p>Consumer Protection Act, 1986 and Competition Act, 2002</p> <ul style="list-style-type: none"> • Consumer Protection Act, 1986 and Competition Act, 2002: Introduction, Definitions: Consumer, Defect, Deficiency and unfair trade practices, manufacture, Consumer Councils. Consumer Protection Redressal Agencies- Jurisdiction. Penalties for frivolous complaints. • Competition Act, 2002: Objectives of the Act ,Salient features-Anti-Competitive Agreements. Prevention of abuse of dominant position, Combination, Competition Advocacy , Competition Commission of India.

Reference Books
Business Law
<ol style="list-style-type: none"> 1. Indian Contract Act ,Sale of Goods Act and Partnership Act–Desai TR–SC–Sarkar and sons 2. The Negotiable Instruments Act–Khergamwala JS–NM Tripathy 3. The Principles of Mercantile Law–Singh Avtar–Eastern Books Co. 4. Companies Act 2013 by Ravi Puliani ,Bharat Publication 5. <i>Companies Act 2013 by Taxmann</i>

Course	Hours of instructions per week	Exam duration (hrs)	Maximum Marks			Credits
			CIE	SEE	Total	
DSE (allied) 1 Computers In Investment 1647UFMCI	3	2 ½	25	75	100	3

Computers in Investment

Modules at a Glance

SN	Modules
1	Advanced Excel
2	DBMS
3	Modern Internet Technologies ERP,SCM,CRM
4	Net Banking and Online Banking

SN	Modules/Units
1	Advanced Excel
	<ul style="list-style-type: none"> • Pivot, Advanced formulae ,Lookups, Macros • Working with other programmes • Inserting an excel sheet in word document • Modifying an inserted Excel worksheet • Inserting a linked Excel chartina Word Document • Inserting graphic worksheet
2	DBMS
	<ul style="list-style-type: none"> • Concepts, Tables, Fields, data types • RDBMS • Primary Key, Foreign Key • Introduction to MS Access
3	Modern Internet Technologies ERP,SCM,CRM
	<ul style="list-style-type: none"> • Online Trading Softwares
4	Net Banking and Online Banking
	<ul style="list-style-type: none"> • Other Emerging Technologies

Reference Books
Computer Application for Business
<ol style="list-style-type: none"> 1. Fundamentals of Computers–RajaramV–PrenticeHall 2. Computer today(3rdedition)–Sanders,DonaldH–McGraw Hill 3. Computers and Commonsense–Hunt,Rogerand Shelly John–Prentice Hall 4. Computers–Subramaniam N–Wheeler 5. Introduction to Computers–Xavier C.–NewAge 6. Computer in Business–SandersD–McGrawHill 7. Computers and Information Management–SC Bhatnagar &V Ramant–Prentice Hall 8. Internet for Business–Brummer,Lavrej–Cambridge 9. E-mail for Everyone–Leon Alexis & leon–Methews 10. Basic Computer Programmes for Business–SternbergC–New Jersey Hayden

Question Paper Pattern

(Internal Test)

Sr. No.	Particular	Marks
1	One class test (20 Marks)	
	Match the Column/ Fill in the Blanks/ Multiple Choice Questions <i>(½ Mark each)</i>	05 Marks
	Answer in One or Two Lines (Concept based Questions) <i>(01 Mark each)</i>	05 Marks
	Answer in Brief (Attempt Any Two of the Three) <i>(05 Marks each)</i>	10 Marks
2	Assignment, Presentation or Viva	10 Marks
3	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities and attendance	05 Marks

B. Semester End Examination: 75 %

iii) Duration: The examination shall be of 2 ½ Hours duration

iv) Theory question paper pattern

- There shall be five questions each of 15 marks with Question 5 as case study.
- All questions shall be compulsory with internal choice within the questions.
- Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the topic.

(Detail question paper pattern has been given separately)

Maximum Marks: 75

Questions to be Set: 05

Duration :2½.

All Questions are Compulsory Carrying 15 Marks each.

Q-1	Full length Question OR Full length Question	15 Marks
Q-2	Full length Question OR Full length Question	15 Marks
Q-3	Full length Question OR Full length Question	15 Marks
Q-4	Full length Question OR Full length Question	15 Marks
Q-5	Case Study (3 Questions)	15 Marks

Q1-4 may be sub divided in to small questions of 7/8 marks depending upon the requirement of subject.

Any subject based on law should be based on the act/regulation I forecast on 1st April of every financial year.