

Syllabus for M.Sc. Banking and Finance

PG Board Meeting in 10.09.2012, w.e.f 2012-13

Course Scheme

Semester I

Paper Code	Paper Name	Max Marks	Internal Marks	External Marks
MSBF 101	Economics for Bankers	100	20	80
MSBF 102	Financial Accounting	100	20	80
MSBF 103	Commercial and Banking laws	100	20	80
MSBF 104	Quantitative Techniques for Bankers	100	20	80
MSBF 105	Practical –I Economics for Bankers	50	10	40
MSBF 106	Practical –II Financial Accounting	50	10	40
MSBF 107	Practical –III Commercial and Banking laws	50	10	40
MSBF 108	Practical –iv Quantitative Techniques for Bankers	50	10	40
MSBF 109	Seminars	50	50	-

Syllabus for M.Sc. Banking and Finance Semester –II

PG Board Meeting in 10.09.2012, w.e.f 2012-13

Course Scheme

Semester II

Paper Code	Paper Name	Max Marks	Internal Marks	External Marks
MSBF 201	Principles of Management	100	20	80
MSBF 202	E-commerce and Banking	100	20	80
MSBF 203	Marketing of Banking Services	100	20	80
MSBF 204	Human Resources Development in Banks	100	20	80
MSBF 205	Practical –I Principles of Management	50	10	40
MSBF 206	Practical –II E-commerce and Banking	50	10	40
MSBF 207	Practical –III Marketing of Banking Services	50	10	40
MSBF 208	Practical –IV Human Resources Development in Banks	50	10	40
MSBF 209	Viva-voce	50	-	50
MSBF 210	Seminars	50	50	-

Note:- After appearing in the 2nd Semester; all the students have to undergo a 6 weeks summer training in a business Concern / Bank/Financial Institute/NBFCs etc. After completion of the training, each of them will submit a 'PROJECT REPORT', prepared by them during the summer training. The authority of the Project Report must be duly certified by an authorized personnel of the concerned Institute/Organization in which the training has been done and should be submitted in the Department latest by 30th July. The Project Report contains a weightage of 100 marks. It will be sent for evaluation followed by a viva-voce. The marks will be shown in the DMC of IIIrd Semester.

Syllabus for M.Sc. Banking & Finance Semester-IIIrd

PG Board Meeting in 10.09.2012, w.e.f 2012-13

Paper Code	Paper Name	Max Marks	Internal Marks	External Marks
MSBF – 301	Monetary Economics	100	20	80
MSBF – 302	Financial Decision Analysis	100	20	80
MSBF – 303	Bank Management	100	20	80
MSBF – 304	International Banking	50	20	80
MSBF – 305	Practical-1 Monetary Economics	50	10	40
MSBF – 306	Practical-II Financial Decision Analysis	50	10	40
MSBF – 307	Practical-III Bank Management	50	10	40
MSBF – 308	Practical-IV International Banking	50	10	40
MSBF – 309	Seminars	50	50	-
MSBF – 310	Project Report Viva-voce	100	--	100

Syllabus for MSC Banking and Finance – IVth Semester
PG Board Meeting in 10.09.2012, w.e.f 2012-13
Course scheme

Paper Code	Paper name	Max. marks	Internal marks	External marks
MSBF 401	Management Accounting	100	20	80
MSBF 402	Indian Financial System	100	20	80
MSBF 403	Project Planning Analysis	100	20	80
MSBF 404	Investment Management	100	20	80
MSBF 405	Practical –I Management Accounting	50	10	40
MSBF 406	Practical –II Indian Financial System	50	10	40
MSBF 407	Practical –III Project Planning Analysis	50	10	40
MSBF 408	Practical –IV Investment Management	50	10	40
MSBF 409	Viva Voce	50	-----	50
MSBF 410	Seminars	50	50	----
MSBF 411	Term Paper	50	50	----

Paper Code - MSBF 101

ECONOMICS FOR BANKERS

Maximum Marks – 100

External - 80

Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

Rational Consumer Behavior; The Budget line; The Indifference Curve Approach; Optimal Choice; Demand Function; Market Demand and Elasticity

Intertemporal Choice – Savings and Borrowings; Markets with Asymmetric Information; Choice under Uncertainty.

Theory of Production – Law of Variable Proportions and Returns to Scale; The Production Function- Linear, Fixed Proportions, Cobb-Douglas and Constant Elasticity of Substitution; Theory of costs and Optimum Size of the Firm; Alternative Objectives of the Firm

Market Equilibrium; Pricing in Perfectly competitive, Monopoly and Monopolistic Competitive Markets; Oligopoly and Strategic Behavior

Definition, functions and significance of Money; Money and Near Money; Neutrality of Money;

Inside and Outside Money; Money Stock measures and money multiplier approach to money supply. Money Supply and factors affecting Money Supply

Part B (Practical) MSBF-105

The students are required to solve at least five case studies related with Economics for Bankers.

Reading List

1. Anderson, “ Economics by Example”, Worth Publishers / W.H.Freeman & Co Ltd, 2006. ISBN10: 0716769344
2. Colander, “ Microeconomics”, McGraw-Hill UK, 2003. ISBN10: 0071216510
3. Edgar K. Browning, “ Microeconomic Theory and Applications”, John Wiley and Sons (WIE), 2003. ISBN10: 0471451703
4. Eichberger, Ian R. Harper, “Financial Economics”, Oxford University Press, 1997. ISBN10: 0198775407
5. Harry Townsend, “Foundations of Business Economics: Markets and Prices”, Routledge, 1995. ISBN10: 0415120748

6. Ian Worthington, Andy Rees, Chris Britton, "Economics for Business: Blending Theory and Practice", Financial Times Prentice Hall, 2004. ISBN10: 0273685600
7. Jack Hirshleifer, "The Analytics of Uncertainty and Information", Cambridge University Press, 1992. ISBN10: 0521283698
8. John Sloman, Kevin Hinde, "Economics for Business", FT Prentice Hall, 2007. ISBN10: 1405847026
9. Louis Putterman, "The Economic Nature of the Firm", Cambridge University Press, 1996. ISBN10: 0521556287
10. Richard B. McKenzie, Dwight R. Lee, " Microeconomics for MBAs: The Economic Way of Thinking for Managers", Cambridge University Press, 2006. ISBN10: 0521859816
11. Robert Frank, Ben Bernanke, " Principles of Economics", McGraw-Hill UK, 2000. ISBN10: 0071214593
12. Roger A. Arnold, " Economics", Thomson Learning, 2001. ISBN10: 0324017456
13. Steinar Strøm, "Econometrics and Economic Theory in the 20th Century", Cambridge University Press, 1999. ISBN10: 0521633656
14. Thrainn Eggertsson, "Economic Behavior and Institutions", Cambridge University Press, 1990. ISBN10: 0521348919
15. William J. Baumol, Alan S. Blinder, " Economics: Principles and Policy", Thomson Learning, 2001. ISBN10: 0030268397
16. Yvan Lengwiler, "Microfoundations of Financial Economics: An Introduction to General Equilibrium Asset Pricing", Princeton University Press, 2006. ISBN10: 0691126313

Paper Code - MSBF 102

FINANCIAL ACCOUNTING

Maximum Marks – 100

External - 80

Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

Fundamental Principles of Accounting – Accounting concepts, Accounting Rules, Accounting Equation; Cash Book; Journal; Ledger; Trial Balance; Bank Reconciliation Statement

Final Accounts – Trading Account; Profit and loss Account; Balance Sheet; Adjustments in Final Accounts

Depreciation, Reserves and Provisions; Valuation of inventories; Receipt and Payment Account; Income and Expenditure Account; Bank Reconciliation Statement

Contract Accounts; Royalty Accounts; Hire purchase Accounting; Consignment and Joint Venture Accounting

Part B (Practical) MSBF-106

The students are required to solve numerical problems of financial accounting and learn a computer package for accounting.

Reading List

1. Anthony, Robert N, "Accounting: Text and Cases", Tata McGraw-Hill
2. Ashok Banerjee, "Financial accounting- a Managerial emphasis", Excel books
3. Asish K. Bhattacharyya, "Financial accounting for Business Managers", Prentice-Hall of India
4. Bassett, "Computerised Accounting", BPB Publications
5. Bernstein, "Analysis of Financial Statements", Tata McGraw-Hill
6. Jamie Pratt, "Financial Accounting in an Economic Context", John Wiley and Sons (WIE), 2003. ISBN10: 0471428787
7. Jenet Walker, "Accounting in a Nutshell", Viva Books
8. Khan, M.Y., "Theory and Problems in Management and Cost Accounting", Tata McGraw-Hill
9. Larson, Kermit D., "Financial Accounting Principles", Tata McGraw-Hill
10. Leslie Chadwick, "The essence of financial accounting", Prentice-Hall of India
11. Lynch, Rixhard M., "Accounting for Management Planning and control", Tata McGraw-Hill
12. Meigs, Robert F., "Accounting the basis for business decisions", Tata McGraw-Hill
13. Mukherjee, A, "Financial Accounting", Tata McGraw Hill
14. Nadhani, "Accounting with tally version 4.5", BPB Publications
15. Nadhani, "Implementing Tally 6.3", BPB Publications
16. Nadhani, "Real Accounting Software", BPB Publications
17. Nadhani, "Tally 6.3 tutorial", BPB Publications

18. Nadhani, "Tally tutorial- Vol.1? Accounts (ver 5.4)", BPB Publications
19. Namrata Aggarwal, "Financial Accounting on computer Using Tally", Wiley Dreamtech
20. Nitin Balwani, "Accounting and Finance for managers", Excel Books
21. Peter Attrill, Eddie McLaney, "Accounting and Finance for non- specialists", Prentice-Hall of India
22. Porwal, L. S., "Accounting theory", Tata McGraw-Hill
23. R. Narayanaswamy, "Financial accounting- a Managerial Perspective", Prentice-Hall of India
24. Romney, "Accounting Information systems" Pearson Education
25. Tulsian P.C., "Financial Accounting", Tata McGraw Hill
26. Wood, "Business Accounting- Vol.1", Pearson Education

Paper Code - MSBF 103

COMMERCIAL AND BANKING LAWS

Maximum Marks – 100
External - 80
Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

The Negotiable Instruments Act, 1881;
Relevant Provisions of RBI Act 1935, Banking Regulation Act 1949, Banking Companies Act 1970

Special features of Recovery of Debts Due to Banks and Financial Institutions Act, 1993 , Banker-Customer Relationship, Securitization & Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002.

Salient features of Indian Contract Act, 1872

Banking Ombudsman, Provisions of Bankers Book Evidence Act,1891

Part B (Practical) MSBF-107

The students are required to solve at least five case studies related with commercial and banking laws.

Reading List

1. Trivedi and Srivastva (2001), "Banking Law and Practice in India", RBSA, Jaipur, ISBN 81-7611-098-1 (For The Negotiable Instruments Act, 1881; Banking Companies Act 1970, Banker-Customer Relationship).
2. William Thomson (2006), "Concise Encyclopaedia of Banking : Law and Practice: Comprising Complete and Accurate Definitions of All Terms Employed in the Law and Practice of Banking", Cosmo Pub, 2 Vols., New Delhi, ISBN 81-307-0504-4.
3. IIBF(2007), "Laws of Co-operative Banking", Macmillan India Ltd., (For Recovery of Debts Due to Banks and Financial Institutions Act, 1993, Bankers Book Evidence Act,1891, Banking Ombudsman, Securitization & Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002)
4. Tannan (2001), "Banking Law & Practice in India" 20/e (Stud. ed), Delhi Law House
5. Dawra and Mishra (1999), "Banking Laws", Delhi Law House
6. Arora and Kalra (1999), "All India Banking Law Digest, (1995-1999), Delhi Law House
7. Kumar, N. (2002), "Banking Law And Practice", Anmol Publications
8. O.D.Heggade(2000), "**Banker-Customer Relationship in India**", Jain Book Agency, New Delhi
9. R.K.Bangia(2006), "**Banking Law & Negotiable Instrument Act 2003**", Jain Book Agency, New Delhi
10. P.N.Varshney(2005), "**Banking Law and Practice**", 21st edition, Jain Book Agency, New Delhi

Paper Code - MSBF 104

QUANTITATIVE TECHNIQUES FOR BANKERS

Maximum Marks – 100
External - 80
Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

Arithmetic and Geometric Progression; Limits and Continuity; Derivatives and Rules of Differentiation; Maxima and Minima; Unconstrained and Constrained Optimization; Concept and Rules of Integration;

Matrix Algebra; Determinants; Solution of Simultaneous Equations Through Cramer's Rule and Matrix Inverse Method

Measures of Central Tendency, Dispersion and Skewness

Correlation and Regression Analysis- Simple and Multiple

Index Numbers; Basic probability Rules; Binomial Poisson and Normal Distribution

Part B (Practical) MSBF-108

The students are required to solve numerical and statistical programs using a computer package.

Reading List

1. Aggarwal, D.R., "Quantitative Methods", Vrinda Publications, New Delhi
2. Allen, R.G.D., "Mathematical Analysis for Economists", Macmillan press London.
3. Black, J. and J.F. Bradely, "Essential Mathematics for Economists", John Wiley and sons
4. Chiang, A.C., "Fundamental Methods of Mathematical Economics", Tata McGraw Hill, New Delhi
5. F. M. Wilkes, " Mathematics for Business, Finance and Economics", Thomson Learning, 1999. ISBN10: 186152241X
6. Ferenc Szidarovszky, "Introduction to Matrix theory", World Scientific, 2002. ISBN10: 9810245130
7. Geoff Renshaw, " Maths for Economics", Oxford University Press, 2005. ISBN10: 0199267464
8. Ian Jacques, " Mathematics for Economics and Business", Pearson Education, 2003. ISBN10: 0273655647
9. Joshi, R.C., "Basic Mathematics for Economists", New Academic Publishing
10. Malcolm Pemberton, Nicholas Rau, " Mathematics for Economists: An Introductory Textbook", Manchester University Press, 2006. ISBN10: 0719075394
11. Martin W. Baxter, " Financial Calculus", Cambridge University Press, 1996. ISBN10: 0521552893
12. Mehta, B.C., Madnani, G.M.K., "Mathematics for Economists", Sultan Chand & Sons, New Delhi
13. Mouhammed, Adil H., "Quantitative Methods for Business and Economics", PHI, New Delhi
14. Rangji, S.S., "Mathematics for Students of Economics", S. Vikas and Company, Jalandhar.

15. Taro Yamane, "Mathematics for Economists", PHI, 1973
16. Vohra, N.D., "Quantitative Techniques in Management", Tata McGraw Hill, New Delhi.
17. A. C. Davison, "Statistical Models", Cambridge University Press, 2003. ISBN10: 0521773393
18. Arnold Zellner, "Statistics, Econometrics and Forecasting", Cambridge University Press, 2004. ISBN10: 0521540445
19. Cheung F. Lee, John C. Lee, Alice C. Lee, "Statistics for Business and Financial Economics", World Scientific, 1999. ISBN10: 9810234856
20. Cheung F. Lee, John C. Lee, Alice C. Lee, "Statistics for Business and Financial Economics", World Scientific, 1999. ISBN10: 9810234856
21. Cochran, W.G., "Sampling Techniques", John Willey, New York.
22. Croxton, F.E., D.J.Cowden and S. Klein, "Applied General Statistics", Prentice Hall, New Delhi.

Paper Code - MSBF 201
Principles of Management

Maximum Marks – 100	
External	- 80
Internal	- 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

Management: Nature and Purpose; Functions of Management; Evolution of Management Thought; Management Approaches; Qualities of a Good Manager.

Planning: Nature and Purpose; Types of Plans; Steps in Planning; Nature of Objectives; Management by Objectives; Strategic Planning Process; Decision Making Process.

Organizing: Organization Levels and Span of Management; Basis of Departmentation; Line and Staff Relationship; Decentralization and Delegation of Authority.

Approaches and Styles of Leadership; The Communication Process; Types of Communication; Barriers in Effective Communication and their Removal; Motivation Theories: Maslow, Herzberg, McGregor.

The Control Process: Requirements for Effective Control; Control Techniques; Management Information System; Management by Exception.

Part B (Practical) MSBF-205

The students are required to solve at least five case studies related with Principles of Management.

Reading List:

- Burton, Gene and Manab Thakur, 'Management Today: Principles and Practice', Tata McGraw Hill, 1995.
- Griffin, Ricky W, 'Principles of Management: Student Achievement Series', Houghton Mifflin Co., 2007.
- Hassie, JL, 'Essentials of Management', PHI, 1995.
- Hill, Charles W and Steven McShane, 'Principles of Management', McGraw Hill College, 2006.
- Koontz, Harold and Cyril O'Donnell, 'Management: A Book of Readings', McGraw Hill Book Co., 1972.
- Kreitner, Robert, 'Management', Houghton Mifflin Co., 2008.
- Prasad, LM, 'Principles and Practice of Management', Sultan Chand and Sons, 1994.
- Sharma, NK, 'Management Techniques', RBSA, 2002.
- Stoner, James AF, RE Freeman and DR Gilbert Jr., 'Management', Pearson Prentice Hall, 6th Ed., 2009.
- Tulsian, PC and Vishal Pandey, 'Business Organization and Management', Pearson Education, 2008.
- Wehrich, Heinz and Harold Koontz, 'Management: A Global Perspective', McGraw Hill Inc., 1994.

Paper Code - MSBF 202
E-Commerce and Banking

Maximum Marks – 100

External - 80

Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

Electronic Commerce: Meaning and Definition, E-Commerce and E-Business, Scope of E-Commerce, Basis of E-Commerce, Common Terms, e.g., MICR, OCR, OMR, etc.

Computerization in Banks: Role of LANs in Bank, Security in Bank Computerization including Digital Signature and Digital Certificate, Indian Experiment in computerization of Banks.

Automatic Teller Machine: Meaning and Process along with Flowchart depiction, ATMs in India.

Electronic Funds Transfer: Wire Transfers, FEDWIRE, BANKWIRE, CHIPS, SWIFT, POS System, EDI.

Types of E-Banking: Telephone Banking, Computerized Home Banking, Computerized Corporate Banking, On-Line Banking.

Types of Cards: Debit Cards, Credit Cards and Smart Cards.

Part B (Practical) MSBF-206

The students are required to solve at least five case studies related with e-commerce in banking. They should visit a large professionally managed commercial bank and be familiarized with banking software for transactions processing..

Suggested Readings:-

- 1) Chhabra, T.N., Suri, R.K. and Verma, Sanjiv, E-Commerce: New Vistas for Business, Dhanpat Rai & Co. (P) Ltd. Delhi, 2004-05.
2. David Whitelaw, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi, 2001.

3. Efrain Turbans, Jar Lee, David King and Michael H. Chung, E-Commerce: A Managerial Perspective, Pearson Education, Delhi, 2003.
4. Elias M. Awad, Electronic Commerce: From Vision to Fulfilment, Pearson Education, New Delhi, 2006.
5. Goel, Sushil, Computer Applications to Business and E-Commerce, Natraj Publishing House, Karnal. (Year Not Mentioned)
6. Greenstein and Feinman, Electronic Commerce, Tata McGraw Hill, New Delhi, 2003.
7. Gurvinder Singh and Rachhpal Singh, Computer Applications in Business and E-Commerce, M/s Kalyani Publishers, Ludhiana, 2004.
8. Jeffrey F. Rayport and Bernard J. Jaworski, E-Commerce, M/s Tata Mcgraw Hill, New Delhi, 2002.
9. Joseph, P.T., E-Commerce: An Indian Perspective, Prentice Hall of India, New Delhi, 2009.
10. Kamlesh K. Bajaj and Debjani Nag, E-Commerce: The Cutting Edge of Business, M/S Tata Mcgraw Hill, New Delhi, 2003.
11. Kosiur, David, Understanding Electronic Commerce, Prentice Hall of India, New Delhi, 2004.
12. Kuldeep Singh, E-Commerce: Concept and its Usefulness in 21st Century, Kurukshetra University Research Journal (Arts & Humanities), Vol. XXXVIII, Jan-Dec., 2009.
13. Michael Schrage, 'Gate's Brave, New World of Finances', Los Angeles Times, Oct. 21, 1994.
14. Nancy E. Grant, 'Home Sweet Home, Special Report; Home Banking', U.S. Banker, May, 1994 (National Edition).
15. Sanjay Soni and Vinayak Aggarwal, Computers and Banking, M/s Sultan Chand & Sons, New Delhi, 1993.
16. Uppal, R.K. and Rimpi Jatan, E-Banking in India (Challenges & Opportunities), New Century Publications, New Delhi, 2007.

Paper Code - MSBF 203

Marketing of Banking Services

Maximum Marks – 100

External - 80

Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

Introduction to Marketing Management; Introduction to service marketing; Gaps model of service quality; consumer behavior in services; customer expectations and perceptions; Segmentation, targeting and positioning of services in competitive markets.

Introduction to financial and banking services; Communication mix for services; Pricing and revenue management; distribution of banking services, Retail banking services; Convergence of financial services in banking sector;

Designing and managing of banking services; Demand management; Planning of service environment; managing people for service advantage; impact of information technology on banking services;

Managing relationship and building loyalty; customer relationship management; Service quality, productivity and customer perception; organizing for service leadership. Financial and economic impact of service.

Part B (Practical) MSBF-207

The students are required to solve at least five case studies related with marketing of services in banking. They should visit a large professionally managed commercial bank and be familiarized with banking software for customer relationship management.

Reading List

1. Principle of Marketing by Phillip Kotler and Gary Armstrong, PHI, Sixth Edition. Delhi, India.
2. Services Marketing by Christopher Lovelock and John Wirtz, Pearson Education, Fifth Edition, Delhi.
3. Services Marketing by Valarie A Zeithaml et al., The McGraw Hill, Fourth Edition, New Delhi.
4. Financial Services by Shashi K. Gupta and Nisha Agarwal, Kalyani Publishers.

Paper Code - MSBF 204

Human Resources Development in Banks

Maximum Marks – 100

External - 80

Internal - 20

Part –A (Theory) Time – 3 Hours

Note: From Section-A, attempt 10 questions in 25 words. Each Question is of 2 marks. From Section-B, attempt any six questions out of 8 in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions out of 4 in about 200 words. Each question is of 12 marks each.

1. **Key Concepts in Human Resource Development:**
HRD, HRM, Personnel Management, Sustainable Human Development PQLI, HDI,GDI, GEM- challenges, policies and practices. Data base of jobs & reservation policy.
2. **Ethics & Indian Ethos:**
Rationale and practices, Corporate Social Responsibility
3. **Basic Awareness and Knowledge of Banking Laws:-**
Banking Literacy for customers, Consumer Protection Act 2006, RTI Act 2005, Awareness of Cyber crimes
4. **Skills in Banking:**
Time Management, Human Relationship, Leadership and Customer Services, Career Development opportunities including On-the-Job Training.
5. **Unions in Indian Banking Sector:**
Rationale, Problems & Policies of Banking Unions. Working and regulations of Indian Banking Association. Rationale for Retirement benefits with special reference to pension & health care.

Part B (Practical) MSBF-208

The students are required to solve at least five case studies related with Human Resource Development. They should visit a large professionally managed commercial bank and be familiarized with banking software for HRM.

Reading List:

- 1 www.google.com
- 2 P.Subha Rao,N. Narayan, K.Ganappa: Human Resource Development in Banks, National Publishing House 1998
- 3 Jyoti Sandhu: Human Resource Development in Banking Sector, Serial Publications 2008.
- 4 M.M Goel: WATCH TOWER : NEED TO CREATE WORK CULTURE published in Central Chronicle www.centralchronicle.com , May 1,2009
- 5 M.M Goel: CONCRETE STEPS NEEDED TO BOOST ECONOMY published in The Sunday Tribune Vol. 127 No 306 November 4,2007.

6. M.M Goel: EXCELLENCE MODELS FOR MANPOWER IN HUMAN RESOURCE DEVELOPMENT, Published in 'Human Resource and Managerial Development' edited book by Salini Singh, Global Vision Publishing House, New Delhi, 2006.
7. M.M Goel: CORPORATE VALUE SYSTEM FOR SOCIAL RESPONSIBILITY; LESSONS FROM BHAGWAD GITA , published in Book of Abstracts and presented in 4th International conference on Corporate Social Responsibility at London Metropolitan University, London 7-9 September 2005.
8. M.M Goel: LESSONS FROM BHAGVAD GITA FOR COOPERTATIVE BANKING, Published in Cooperative Mirror Vol. vi March 2004.
9. M.M Goel: LESSONS FROM BHAGVAD GITA FOR BANKING INDUSTRY, Published in Economic Dateline vol. II no.1 Jan. 2002.
10. M.M Goel: CORPORATE OBJECTIVES FROM INDIAN VALUE SYSTEM, Published jointly with Ashok Kumar in a book 'Contemporary Issues in Corporate Restructuring' edited by Prof. S. L. Gupta and published by Anmol Publications, New Delhi, 2001.
11. PNB: PNB Monthly Review various issues.
12. RBI Bulletin various issues
13. Ruddar Dutt & KPM Sundram: Indian Economy, published by S. Chand Latest Edition
14. S.K.Mishra &V.K. Puri: Indian Economy, published by Himalaya Publishing House Latest Edition.

Paper Code- 301 MSBF-IIIrd Sem.
Monetary Economics

Maximum Marks	– 100
External	-80
Internal	-20

Note: From Section-A, attempt all questions in 25 words. Each question is of 2 marks. From Section-B, attempt any 6 questions in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions in about 200 words. Each question is of 12 marks each.

Money: Meaning, Theoretical and Empirical Definitions of Money, Functions of Money, Money and Near Money, Circular Flow of Money, Inside Money and Outside Money, Neutrality and Non-Neutrality of Money.

Value of Money: Quantity Theory of Money and Its Variants, Keynesian Theory of Money and Prices, Friedman's Restatement of the QTM. Patinkin's Integration of Value and Money theories.

Supply of Money: Definitions. Determinants of Money Supply, High Powered Money and Money Multiplier.

Demand for Money: The Classical Approach, Keynesian Approach, Post Keynesian Approaches.

IS and LM Functions: General Equilibrium of Product and Money Markets.

Monetary Policy: Objectives, Targets, Indicators, Instruments and Types.

Basic Reading List

1. Miller, Roger Le Roy and Vanhose David D. (1993), Modern Money and Banking, McGraw Hill International Editions, Economics Series, New Delhi.
2. Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill company Ltd., New Delhi.
3. Johnson, H.J. (1993) Financial Institutions and Markets, McGraw Hill: New York
4. Ohlson, J.A (1987), the Theory of Financial Markets and Institutions, North Holland, Amsterdam
5. Prasad, K.N.(2001), Development of India's Financial System, Sarup & Sons, New Delhi.
6. Smith, P.F. (1978), Money and financial Intermediation: The Theory and Structure of financial System, Prentice Hall, Englewood-Cliffs. New Jersey.

Additional Reading List

1. Chandra, P. (1997), Financial Markets, (4th Edition), Tata McGraw Hill, New Delhi.
2. Maqchiraju, H.R. (1997), International Financial Markets in India, Wheeler Publishing, Allahabad.
3. Fenstermaker, J.V. (1969), Reading in Financial Markets and Institutions, Appleton, New York.
4. Gupta, S.B. (1983) Monetary Economics, S.Chand & Company, New Delhi.

5. Bhatt. R.S. (1996), Unit Trust of India and Mutatual Funds: A study, UTI Institute of Capital Markets, Mumbai.
6. Goss, B.A and B.S. Yamey (1978), The Economics of Futures Trading, Macmillan, London.
7. Crocker, A. (1982), International Money; Issues and Analysis The English Language Book Society, nelson, London.
8. Niehans, J. (1994), International Monetary Economics, John Hopkins University Press. New York.
9. Money, Banking and Financial Development in India, Niti Bhasin (New Century Publication. New Delhi)

Paper Code – 302 MSBF-IIIrd Sem.
FINANCIAL DECISION ANALYSIS

Time- 3 Hours

Maximum Marks – 100

External –80

Internal –20

Note: From Section A, Attempt all questions I 25 words. Each question is of 2 marks. From Section-B, attempt any 6 questions in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions in about 20 words. Each question is of 12 marks each.

Section A-Theory

Goals of corporate Finance; Time value of money

Techniques of Capital budgeting; Estimation of Project cash Flows: Cost of Capita; Advanced capital Budgeting Decisions; Sources of Long Term Finance.

Capital Structure Theories and firm Value; capital Structure Decision: Financial and Operating Leverage.

Divident Theories and firm Value; Issues in Dividend Policy

Working Capital Policy; Cash management; Credit Management; Inventory management; Working capital Financing.

Mergers, Acquisitions and Restructuring

Section B- Practical

Taking all Financial decisions using Excel or related softwares.

Reading List

1. A.Auerbach, “corporate Takeovers: causes and Consequences”, University of Chicago Press, 1988
2. A.C. Shapiro, “Modern corporate Finance” Macmillan Publishing co., New York, 1991
3. Brealey, Myers and allen, “Principles of Corporate Finance” McGraw Hill, Inc., New York, 8th Edition.
4. D.Rl. Mehta, “Working Capital Management”, Prentice Hall Inc., Englewood Cliffs, N.J., 1974
5. Deryl Northcott. “Capital Investment Decision-Making”, Thomson Learning, 1992. ISBN10:1861524587
6. E. I. Altman and M. G. Subrahmanyam (ed.), “Recent advances in corporate Finance”, Richard D. Irwin, Inc., Homewood, Ill., 1985

7. F.J. Weston, "The Scope and Methodology of Finance". Prentice Hall. Englewood Clifffes, N. J. 1966
8. G. Donaldson, "Corporate Debt Capacity", Division of Research. Graduate school of Business administration, Harvard University Press, Boston, 1961
9. H. Bierman, Jr. and S. Smidt., " The Capital Budgeting Decision", The Macmillan Company, New York, 1988.
10. J. Harold Multerin, "mergers and Corporate Governance", Edward Elgar Publishing, 2004. ISBN10:1843764210.
11. J. A. Brittain, "Corporate Dividend Policy", Brookings Institution, Washington D. D., 1966.
12. J.C. Van Horne, "Financial Management and Policy", Prentice hall, New Delhi, 1995
13. Jason Draho, " The IPO Decision: Why and How Companies Go Public", Edward Elgar Publishing, 2004, ISB10: 1843766132
14. Jay R. Ritter (ed.), "Recent Developments in Corporate Finance", Edward Elgar, 2005, ISBN10: 184376797X
15. Jean Tirole, " The Theory of Corporate Finace", Prineeton University Press. 2006. ISBN10:0691125562
16. Joel M. Stern, "Revolution in Corporate Finace", Blacwell Publishing, 1997. ISBN10: 1577180445.
17. John D. Martin. J. Willam Petty, " Value Based Management: Corporate Response to the Shareholder Revolution", Oxford University Press Inc. USA 2001, ISBN 10: 0521655366.
18. Jonathan Barron Bskin, "A History of Corporate Finace", Cambridge University Press. 1999. ISBN10: 0521655366.
19. Prasana Chandra, " Financial Management"Tata McGraw-Hill Publishing Company Limited, New Delhi.
20. R.A. Brealey and S.C. Mayers, "Principles of Corporate Finance", McGraw Hill Publishing Co., New York, 2000.
21. Robert Kolb, "Investments", Blackwell Publishing, 1995. ISBN10: 1879975463
22. Ronald C, Lease, Avner Kalay, Uri Loewenstein, John Kose, Oded Sarig, "Dividend Policy: Its Impact on Firm Value", Oxford University Press Inc, USA, 1999. ISBN10: 0875844979
23. Ronald W. Melicher, Edgar A. Norton, "Finannces Introduction to Institutions, Investments and Management", Thomson Learning, 1999. ISBN10: 0324004303.
24. Steve Lumby, Christopher Jones, "Fundamentals of Investment Appraisal", Thomson Learning 2000. ISBN10: 1861526075.
25. Stevfe Lumby, Christopher Jones, Investment Appraisal and Financial Decisions" Thomson Learning, 1998, ISBN10: 1861522576.

Paper Code-303 MSBF—IIIrd Sem.
BANK MANAGEMENT

Time: 3 Hours
Maximum Marks: 100
External - 80
Internal - 20

Note: From Section-A, attempt all questions in 25 words. Each question is of 2 marks. From Section-B, attempt any 6 questions in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions in about 200 words. Each question is of 12 marks each.

Section-A (Theory)

Forms of Banking: Branch Banking, Group Banking, chain Banking, Correspondent Banking, Process of Bank Management, Branch location policies and decision, Organisational structure of Commercial Banks.

Bank Balance Sheet: Management of assets and liabilities in banks-Profitability and Productivity in banks-Management of large sized branches and rural branches. Internal control and Performance budgeting system-Management information System.

Income recognition and asset classification norms, Opening Operations and Closure of Deposit Accounts Mandate and power of Attorney-Nomination Facility-Insurance of Bank Deposits.

Banking Services: Remittances-Safe Custody-Safe Deposit Vaults- Collection Facility-MICR Clearing ATMs-Credit Cards and Debit Cards-Travellers Cheques-Gift Cheques- Ombudsman and Customer Services- Fraud Detection and control.

Principles of credit management- Types of Documents uses for lending- Modes of creating charge- Lending Schemes: Socio-Economic and poverty alleviation programmes/Self employment schemes: DRI, IRDP, SEEU, Micro Financing: financing of self help groups by banks and NGOs-Women Entrepreneurs. Small borrowers, SSIs, Personal and Consumer Loans, Housing Finance, Agriculture finance, Loan syndication.

Section-B (Practical)

Asset Liability management using Excel, Preparing MIS for banks

Reading List:-

1. HBF- "General Bank Management", Macmillan Publishers,
2. VSP Rao, "Bank Management", Discovery Publishing House.
3. Dileep Mehta, "International bank Management"
4. Timothy w Koch, Steven Scott Macdonald, "Bank Management", Thomson Learning.

5. Peter s. Rose, Sylvia C.Hudgins. "Bank Management and Financial Services", McGraw Hill.
6. Vincent Baritsch, "Bank Treasury management", Stylus Publishers.
7. Joel Bessis, "Risk Management in banking", John Wiley and Sons.
8. Constantin Zopounidis, "New Trends in Banking Management", Springer Verlag.
9. Vasant C. Joshi, Vinay V. Joshi, "Managing Indian Banks: The Challenges Ahead", Sage Publications.
10. Moorad Choudhry, "Band Asset Liability Management: Strategy, Trading, Analysis.
11. Reinhold Leichtfuss, "Achieving Excellence in retail Banking", John Wiley and Sons.

Paper Code-304 MSBF-IIIrd Sem.
INTERNATIONAL BANKING

Time: 3 Hours
Maximum Marks: 100
External - 80
Internal - 20

Note: From Section-A, attempt all questions in 25 words. Each question is of 2 marks. From Section-B, attempt any 6 questions in about 50 words. Each question is of 4 marks. From Section-C, attempt any 3 questions in about 200 words. Each question is of 12 marks each.

Section A- (Theory)

Evolution of the international Banking scenario

Globalization and Convergence of Banking System.

Multinational Banking- Historical empirical and case perspectives. Asset-Backed Securitization: country Risk: Existing models and New Horizons. The causes of Bank failures, International Banking Crises: Capital Flight: The Key issues: Refirming the traditional structure of Central Banking with the Asian Financial Crises. The regulation of International Banking Structure Measurement of efficiency, in Banking.

The Institutional Design of Central Banks;

International banking for financing of exports and imports of goods and services. International payments system: Basel Norms

Foreign exchange risk management, Instruments of international finance. Interest rate differentials and their role in demand for and supply of funds across borders.

Offshore banking centers and their role in international financing, Global balance sheet of banks. Asset and liability management of foreign banks.

International lending, Policies and practices.

Section-B (Practical)

Risk management, Derivatives use using Excel

Reading list

1. Hilton Mccann, "Offshore Banking", Cmbridge University Press
2. A.W. Mnlleux (Editor), victor Murinde (Editor), "Handbook of international Banking", Edward Elgar Pub

3. Douglas K. Evanoff, George G. Kaufman (Editor), John R. LaBrosse (Editor), "Cross Border Banking: Regulatory Challenges", World scientific Pub
4. Kuncan R. Wood, "Governing Global Banking: The Basel committee and the politics of Financial Globalisation", Ashgate Pub Co
5. Michael P. Malloy, "International Banking: Cases, Material and Problems", Carolina Academic Pr
6. Roy C. Smith, Ingo Walter, "Global Banking", Oxford University Pr
7. Luigi De Rosa (Editor), "International Banking and Financial Systems Evolution and Stability", Ashrage Pub Co
8. Alfred Slager, "The Internationalization of Banks: Patterns, strategies and Performance", Palgrave Macmillan
9. "Hand Book of International Banking" Edited by A.W. Mullineux, Vietor murinde Published by Edward Elgar, 2003, P.795.

Paper code- MSBF 401
MANAGEMENT ACCOUNTING

Time 3 hours
Max. marks 100
External 80
Internal 20

INSTRUCTIONS FOR THE PAPER SETTER: The paper has to be set from PART-I only. In all, there will be three sections. In Section-A, 10 questions will be set and the candidates are required to attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. In Section-B, 8 questions will be set and the candidates are required to attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. In Section-C, 4 questions will be set and the candidates are required to attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

INSTRUCTIONS FOR THE CANDIDATES: From Section-A, attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. From Section-B, attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. From Section-C, attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

PART-I (THEORY)

Management Accounting – Nature and Scope; Methods of Financial Analysis; Ratio Analysis- Liquidity, Efficiency, Profitability and Leverage Ratios; Funds Flow Statement; Cash Flow Statement.

Marginal Costing and CVP Analysis; Differential Cost Analysis; Standard Costing and Variance Analysis; Budgeting and Budgetary Control System; Activity Based Costing

Inventory Control System; Responsibility Accounting; Social Cost Benefit Analysis;

Quality Costing; Life cycle Costing; Value Chain Analysis

PART – II (PRACTICAL)

Computation of ratios in EXCEL; Preparation of financial statements in TALLY

Reading List

1. Anthony A. Atkinson, Rajiv D. Banker, Robert S. Kaplan, S. Mark Young, **“Management Accounting”**, Prentice-Hall of India
2. Ashok Banerjee, **“Financial accounting- a Managerial emphasis”**, Excel books
3. Asish K. Bhattacharyya, **“Financial accounting for Business Managers”**, Prentice-Hall of India
4. B. Lev, **“Financial Statement Analysis : A New Approach”**, Prentice Hall Inc., Englewood Cliffs, N.J., 1978
5. B.M. Lall Nigam, I.C. Jain, **“Cost Accounting: An Introduction”**, Prentice-Hall of India

6. B.M.Lall Nigam,I.C.Jain, “**Cost Accounting: Principles and Practice**”, Prentice-Hall of India
7. C.F.Lee, “**Financial Analysis and Planning: Theory and Application**”, Addison-Wesley, Reading, Mass, 1985
8. Charles T. Horngren,Srikant M. Datar,George Foster, “**Cost Accounting: A managerial Emphasis**”, Prentice-Hall of India
9. Duncan Williamson, “**Cost and management accounting**”, Prentice-Hall of India
10. Dutta, “**Cost Accounting: Principles and Practice**”, Pearson Education
11. E.A.Helfert, “**Techniques of Financial Analysis**”, Richard d. Irwin Inc., Homewood, Ill. 1977
12. G.Foster, “**Financial Statement Analysis**”, Prentice Hall Inc., Englewood Cliffs, N.J., 1990
13. H. Thomas Johnson, “**Relevance Lost- The Rise and fall of Management accounting**”, Harvard Business
14. Hilton, Ronald W., “**Management Accounting- Creating Value in a Dynamic Business environment**” Tata McGraw-Hill
15. Horngren, “**Cost Accounting: A managerial Emphasis**”, Pearson Education
16. J Sizer, “**Insights into Management accounting**”, Penguin Books
17. J.C.T.Mao, “**Quantitative Analysis of Financial Decisions**”, Macmillan, New York, 1971
18. Jawaharlal, “**Cost Accounting**”, Tata McGraw-Hill
19. Kaplan, “**Advanced Management Accounting**”, Pearson Education
20. Khan, M.Y., “**Cost Accounting**”, Tata McGraw-Hill
21. Kulshrestha, N.K., “**Management Accounting- Concepts and cases**”, Tata McGraw-Hill
22. Lynch, Richard M., “**Accounting for Management Planning and control**”, Tata McGraw-Hill
23. M. Bendrey, R. Hussey, “**Essentials of Management accounting in Business**”, Ane Books
24. Meigs, Robert F., “**Accounting the basis for business decisions**”, Tata McGraw-Hill
25. Nitin Balwani, “**Accounting and Finance for managers**”, Excel Books
26. Peter Atrill,Eddie Mclaney, “**Accounting and Finance for non- specialists**”, Prentice-Hall of India
27. R. Narayanaswamy, “**Financial accounting- a Managerial Perspective**”, Prentice-Hall of India
28. R.S.Kaplan, “**Advanced Management Accounting**”, Prentice Hall Inc., Englewood Cliffs, N.J., 1982
29. Robert S. Kaplan,Anthony A. Atkinson, “**Advanced Management Accounting**”, Prentice-Hall of India
30. T.H.Naylor, “**Corporate Planning Models**”, Addison-Wesley, Reading, Mass, 1979

Paper code- MSBF 402
INDIAN FINANCIAL SYSTEM

Time 3 hours
Max. marks 100
External 80
Internal 20

INSTRUCTIONS FOR THE PAPER SETTER: The paper has to be set from PART-I only. In all, there will be three sections. In Section-A, 10 questions will be set and the candidates are required to attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. In Section-B, 8 questions will be set and the candidates are required to attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. In Section-C, 4 questions will be set and the candidates are required to attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

INSTRUCTIONS FOR THE CANDIDATES: From Section-A, attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. From Section-B, attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. From Section-C, attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

PART-I (THEORY)

Indian Financial markets; Indian Capital Market – Features, Working, Defects and Suggestions for improvement in Indian Capital Market; Indian Money Market – Meaning, Nature, Functions, Constituents, Defects and suggestions to improve Indian Money Market; Recent Trends in Indian Money Market.

Development Banking in India – Introduction, Meaning, Functions and importance of Development Banks in India – IFCI, IDBI, ICICI, IRBI, SIDBI, EXIM Bank, SFCs, SIDCs

Merchant Banking in India – Origin, Meaning and Functions
Non Banking Financial Intermediaries – Development Bnaks, Insurance Companies, Common Trust Funds, Post Offices, Mutual Funds, pension Funds, provident Funds, saving and Loan Companies, Hire Purchase Companies, Chit Fund Companies

PART – II (PRACTICAL)

Case studies and financial analysis of various functionaries

Reading list

1. Bhole, L.M. (1999), Financial Institutions and Markets, Tata Mcgraw Hill Company Ltd., New Delhi
2. Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad
3. Johnson, H.J. (1993), Financial Institutions and Markets, Mcgraw Hill, New York
4. Machiraju, M.R. (1999), Indian Financial System, Vikas Publishing House, New Delhi
5. Ohlson, J.A. (1987), The Theory of Financial markets and Institutions, North Holland, Amsterdam

6. Prasad, K.N. (2001), Development of India's Financial system, Sarup & Sons, New Delhi
7. Smith, P.F. (1978), Money and Financial Intermediation: The Theory and Structure of Financial System, Prentice hall, Englewood Cliffs, N.J
8. Chandra, P (1997), Financial markets, 4th edition, Tata Mcgraw Hill Company Ltd., New Delhi
9. Machiraju, M.R. (1997), International Financial Markets in India, Wheeler Publishing, Allahabad
10. Gupta, S.B. (1983), Monetary Economics, S. Chand & Co., New Delhi
11. Bhatt, R.S. (1996), Unit Trust of India and Mutual Funds: A study, UTI Institute of Capital Markets, Mumbai
12. Sahadevan, K.G. and M.T.Thiripalraju (1997), Mutual funds, Prentice hall of India, New Delhi
13. Goss, B.A. and B.S.Yamey (1978), The Economics of Futures Trading, McMillan, London
14. Gupta, L.C.(Ed.) (1999), India's Financial markets and Institutions, Society for capital research and development, Delhi
15. Vohra, M., Indian Financial System, Anmol Publications Pvt. Ltd.
16. Varshney, P.N., Indian financial system, Sultan Chand and Sons
17. Deodhar, S.B., Indian Financial System, Himalyan Publishing House, New Delhi
18. M.Y.Khan., Indian Financial System, TMH

Paper code- MSBF 403
PROJECT PLANNING ANALYSIS

Time 3 hours
Max. marks 100
External 80
Internal 20

INSTRUCTIONS FOR THE PAPER SETTER: The paper has to be set from PART-I only. In all, there will be three sections. In Section-A, 10 questions will be set and the candidates are required to attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. In Section-B, 8 questions will be set and the candidates are required to attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. In Section-C, 4 questions will be set and the candidates are required to attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

INSTRUCTIONS FOR THE CANDIDATES: From Section-A, attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. From Section-B, attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. From Section-C, attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

PART-I (THEORY)

An overview of capital investment decisions; Generation and screening of project ideas; market and demand analysis; Important aspects of a technical feasibility study.

Estimation of total cost of a project; Means of finance; Financing of infrastructure projects; venture capital; Estimation of sales and production; cost of production; Working capital requirements and its financing; Profitability projections; Projected cash flow statement and balance sheet

Investment criteria; Project cash flows; cost of capital; Risk analysis for projects – sensitivity analysis, Scenario analysis, break even analysis, Hiller model, Monte carlo simulation technique, Project selection under risk; Risk analysis and management in practice

Social cost benefit analysis; UNIDO and Little Mirrlees Approach

PART – II (PRACTICAL)

Preparation of financial feasibility study of a project on EXCEL worksheet; Developing Risk scenario using Monte Carlo Simulation with Excel.

Reading List

1. Prasana Chandra, “Projects: Planning, Analysis, Financing, Implementation and Review”, TMH, New Delhi

Paper code- MSBF 404
INVESTMENT MANAGEMENT

Time 3 hours
Max. marks 100
External 80
Internal 20

INSTRUCTIONS FOR THE PAPER SETTER: The paper has to be set from PART-I only. In all, there will be three sections. In Section-A, 10 questions will be set and the candidates are required to attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. In Section-B, 8 questions will be set and the candidates are required to attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. In Section-C, 4 questions will be set and the candidates are required to attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

INSTRUCTIONS FOR THE CANDIDATES: From Section-A, attempt all the 10 questions in 25 words each. Each question in Section-A is of 2 marks. From Section-B, attempt 6 questions in 50 words each. Each question in Section-B is of 4 marks. From Section-C, attempt 3 questions in 200 words each. Each question in Section-C is of 12 marks.

PART-I (THEORY)

Investment Objectives and Process; Bond Valuation and Analysis; Equity Valuation and Analysis

Fundamental Security Analysis; Technical analysis; Efficient Market Theory

Portfolio Construction and Investment Process; Portfolio Analysis- Risk and return; Markowitz Portfolio selection model;

Sharpe Index Model; Capital Asset Pricing Model; Arbitrage Pricing Theory

Bond Portfolio Management Strategies

Options- Types, Valuation and Pricing;

Futures- Stock Index futures; Futures Pricing Methods; Trading and settlement mechanism

PART – II (PRACTICAL)

Security Analysis and portfolio construction using Excel, SPSS etc.

Reading List

1. A. K. Dixit, R. S. Pindyck, “**Investment under Uncertainty**” Princeton University Press, 1994. ISBN10: 0691034109

2. A. V. Melnikov, “ **Financial Markets**”, Oxford University Press, 1999. ISBN10: 0821810820
3. Alexander Gordon J. and William F. Sharpe, “**Fundamentals of Investments**”, Englewood Cliffs, N.J., Prentice Hall, 1989
4. Amling, Frederick, “**Investment: An Introduction to Analysis and management**”, Englewood Cliffs, N.J., Prentice Hall, 1984
5. Badger, Ralph E. and Gunthmann, Harry G., “**Investment: Principles and Practices**”, Englewood Cliffs, N.J., Prentice Hall, 1969
6. Bishop. George W., “**Charles Dow and the Dow Theory**”, Appleton Century Crofts Inc., New York, 1960
7. Bolten, Steven E., “**Security Analysis and Portfolio Management: An Analytical Approach to Investments**”, N.Y.Holt, Rinehart and Winston, 1972
8. Bowyer, John, W., “**Investment Analysis and Management**”, Illinois, Irwin, 1972
9. Carr, J.L., “**Investment Economics**”, Sage Pub., California, 1969
10. Conrad Michael Mattern, “ **Handbook of Investment Research: Economic and Financial Indicators as Market Movers**”, Palgrave Macmillan, 2002. ISBN10: 0333968697
11. Curley, Anthony J. and Bear Robert M., “**Investment Analysis and management**”, N.Y., Harper & Row, 1979
12. David G. Luenberger, “**Investment Science**”, Oxford University Press,1997. ISBN10: 0195108094
13. Fama, E.F. and Miller, M.H., “**Theory of Finance**”, N.y.Holt, Rinehart and Winston, 1972
14. Frederic S. Mishkin, Stanley G. Eakins, “ **Financial Markets and Institutions**”, Pearson Education, 2003. ISBN10: 020178565X
15. Geoffrey Poitras, “**Security Analysis and Investment Strategy**”, Blackwell Publishing, 2004. ISBN10: 1405112484
16. Gitman, L.J. , “**Fundamentals of Investing**”, Harper Collins College Pub., New York, 1993
17. Graham, Benjamin, “**The Intelligent Investor**”, N.Y., Harper & Row, 1973
18. Gupta, U.L., “**Working of Stock Exchanges in India**”, Thomson Press, New Delhi
19. Haim Levy, “ **Introduction to Investments**”, Thomson Learning, 1998. ISBN10: 0538877375
20. Hardy, C.Colburn, “**Investor’s Guide to Technical analysis**”, McGraw Hill, New York, 1978
21. Hawkins, David F. and Campbell, Walter J., “**Equity Valuation: Models Analysis and implications**”, N.Y., FERF,1978
22. Keith Pilbeam, “ **Finance and Financial Markets**”, Palgrave Macmillan, 1998. ISBN10: 0333629450
23. Meir Kohn, “**Financial Institutions and Markets**”, Oxford University Press Inc, USA, 2003. ISBN10: 0195134729