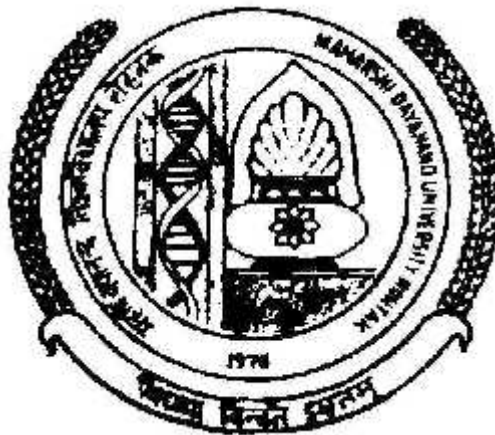


**SCHEME OF EXAMINATION**  
**&**  
**SYLLABI**  
**of**  
**MASTER OF BUSINESS ADMINISTRATION**  
**(Choice Based Credit System) FROM THE**  
**ACADEMIC SESSION 2016-17**



**MAHARSHI DAYANAND UNIVERSITY**  
**ROHTAK (HARYANA)**

**SCHEME OF EXAMINATIONS FOR  
TWO YEAR MBA PROGRAMME FROM THE SESSION 2016-17**

**First Year: First Semester**

Course Code	Title of the Course (s)	External Marks	Sessional Marks	Practical Marks	Total Marks	Credits (L-T-P)
<b>Core Courses</b>						
16IMG21C1	Management Concepts and Applications	80	20	-	100	3-1-0
16IMG21C2	Managerial Economics	80	20	-	100	3-1-0
16IMG21C3	Organisational Behaviour	80	20	-	100	3-1-0
16IMG21C4	Quantitative Analysis	80	20	-	100	3-1-0
16IMG21C5	Accounting for Managers	80	20	-	100	3-1-0
16IMG21C6	Computer Applications in Management	50	-	50	100	3-0-1
16IMG21C7	Business Environment	80	20	-	100	3-1-0
<b>Discipline Specific Elective Courses (Each student will opt one course)</b>						
16IMG21D1	Business Communication Skills	80	20	-	100	3-1-0
16IMG21D2	Event Management	80	20	-	100	3-1-0
<b>Total Credits</b>						<b>32</b>

**Note:**

1. The duration of all the end term theory examinations shall be 3 hours.
2. The Criteria for awarding internal assessment of 20 marks shall be as under:
  - a) Class test : 10 marks.
  - b) Assignment and Presentation : 5 marks
  - c) Attendance : 5 marks
  - Less than 65%* : 0 marks
  - Upto 70%* : 2 marks
  - Upto 75%* : 3 marks
  - Upto 80%* : 4 marks
  - Above 80%* : 5 marks

**First Year: Second Semester**

Course Code	Title of the Course (s)	External Marks	Sessional Marks	Practical Marks	Total Marks	Credits (L-T-P)
<b>Core Courses</b>						
16IMG22C1	Financial Management	80	20	-	100	3-1-0
16IMG22C2	Marketing Management	80	20	-	100	3-1-0
16IMG22C3	Human Resource Management	80	20	-	100	3-1-0
16IMG22C4	Business Research Methods	80	20	-	100	3-1-0
16IMG22C5	Computer Networks and Internet	50	-	50	100	3-0-1
16IMG22C6	Operations Research	80	20	-	100	3-1-0
<b>Foundation Elective Course</b>						
Each student will opt one course from the pool of Foundation Elective Courses provided by the University, excluding the Foundation Elective Course prepared by the Institute of Management Studies and Research.						2
<b>Open Elective Course</b>						
Each student will opt one course from the pool of Open Elective Courses provided by the University, excluding the Open Elective Courses prepared by the Institute of Management Studies and Research.						3
<b>Discipline Specific Elective Courses (Each student will opt one course)</b>						
16IMG22D1	Operations and Supply Chain Management	80	20	-	100	3-1-0
16IMG22D2	International Business	80	20	-	100	3-1-0
<b>Total Credits</b>						<b>33</b>

**NOTE:** Immediately after the completion of the Second semester, the students shall proceed for their Summer Vacation Training (SVT) of 8 weeks duration. The Summer Training Report prepared after the completion of SVT shall be assessed in the third Semester as a compulsory course. The SVT will be submitted by the candidates in the manner as specified in the Ordinance.

**Session: 2016-17**

**Second Year: Third Semester**

Course Code	Title of the Course (s)	External Marks	Sessional Marks	Practical Marks	Total Marks	Credits (L-T-P)
<b>Core Courses</b>						
17IMG23C1	Strategic Management	80	20	-	100	3-1-0
17IMG23C2	Management Information Systems	80	20	-	100	3-1-0
17IMG23C3	Entrepreneurship	80	20	-	100	3-1-0
17IMG23C4	Summer Vacation Training Report	100	-	-	100	4
<b>Open Elective Course</b>						
Each student will opt one course from the pool of Open Elective Courses provided by the University, excluding the Open Elective Courses prepared by the Institute of Management Studies and Research.						3
<b>Discipline Specific Elective Courses (specialization areas offered under dual specialization scheme)</b>						
<b>Human Resource Management</b>						
17IMG23GH1	Performance Management	80	20	-	100	3-1-0
17IMG23GH2	Organizational Change and Development	80	20	-	100	3-1-0
<b>Finance</b>						
17IMG23GF1	Management of Financial Services and Institutions	80	20	-	100	3-1-0
17IMG23GF2	Project Management and Infrastructure Finance	80	20	-	100	3-1-0
<b>Information Technology</b>						
17IMG23GT1	Object Oriented Analysis and Design	50	-	50	100	3-0-1
17IMG23GT2	Programming in Oracle	50	-	50	100	3-0-1
<b>International Business</b>						
17IMG23GI1	Foreign Exchange Management	80	20	-	100	3-1-0
17IMG23GI2	International Trade Theory and Practice	80	20	-	100	3-1-0
<b>Marketing</b>						
17IMG23GM1	Brand Management	80	20	-	100	3-1-0
17IMG23GM2	Consumer Behavior	80	20	-	100	3-1-0
<b>Total Credits</b>						<b>35</b>

**Note:**

- Students are required to choose any two specialization areas offered under dual specialization scheme. The specialization area opted in 3<sup>rd</sup> Semester would remain same in 4<sup>th</sup> semester also.
- Only the following combinations of specializations shall be offered to the students of Two Year MBA Programme:
  - Finance and Marketing
  - Finance and Human Resource Management
  - Human Resource Management and Marketing
  - Finance and Information Technology
  - Finance and International Business
  - Marketing and International Business
  - Marketing and Information Technology

**Second Year: Fourth Semester**

Course Code	Title of the Course (s)	External Marks	Sessional / Internal Marks	Practical Marks	Total Marks	Credits (L-T-P)
<b>Core Courses</b>						
17IMG24C1	E-Commerce	50	-	50	100	3-0-1
17IMG24C2	Project Report	100	100	-	200	8
17IMG24C3	Comprehensive Viva-voce	100	-	-	100	4
<b>Discipline Specific Elective Courses (specialization areas offered under dual specialization scheme)</b>						
<b>Human Resource Management</b>						
17IMG24GH1	Industrial Relations and Labour Legislations	80	20	-	100	3-1-0
17IMG24GH2	Strategic Human Resource Management	80	20	-	100	3-1-0
<b>Finance</b>						
17IMG24GF1	Management of Banking and Insurance	80	20	-	100	3-1-0
17IMG24GF2	Security Analysis and Portfolio Management	80	20	-	100	3-1-0
<b>Information Technology</b>						
17IMG24GT1	Systems Analysis and Design	80	20	-	100	3-1-0
17IMG24GT2	Programming in JAVA	50	-	50	100	3-0-1
<b>International Business</b>						
17IMG24GI1	International Financial Management	80	20	-	100	3-1-0
17IMG24GI2	International Logistics	80	20	-	100	3-1-0
<b>Marketing</b>						
17IMG24GM1	Integrated Marketing Communication	80	20	-	100	3-1-0
17IMG24GM2	Service Marketing	80	20	-	100	3-1-0
<b>Total Credits</b>						<b>32</b>

**Note:**

- Students are required to choose any two specialization areas offered under dual specialization scheme. The specialization area opted in 3<sup>rd</sup> Semester would remain same in 4<sup>th</sup> semester also.
- Only the following combinations of specializations shall be offered to the students of Two Year MBA Programme:
  - Finance and Marketing
  - Finance and Human Resource Management
  - Human Resource Management and Marketing
  - Finance and Information Technology
  - Finance and International Business
  - Marketing and International Business
  - Marketing and Information Technology
- The topic of the Project Report (Code 16IMG24C2) shall be finalized in 3<sup>rd</sup> semester by a Committee of the faculty members to be constituted by Director/Principal of the concerned Institute after presentation by candidate before the Committee.

## **Instructions for the conduct of Practical and Comprehensive Viva-Voce of MBA Two Year Programme**

Computer Practical and Comprehensive Viva-voce wherever applicable, shall be conducted by a Board of Examiners on invitation of the concerned Director/Principal of the affiliated Institute of the University. The practical examination(s) of the courses (relating to IT/Computer or wherever specified) shall be conducted by the Board of Examiners, consisting of one internal faculty member (to be appointed by the Director of the concerned Institute); and one external examiner (to be appointed by the Vice-Chancellor on the recommendations of the PG Board of Studies in Management). The comprehensive viva-voce shall be conducted by a Board of Examiners to be appointed by the Vice-Chancellor on the recommendation of the PG Board of Studies in Management comprising one Internal Faculty to be nominated by the Director of the concerned Institute; and two External Examiners from the Academic field (two members shall form the quorum). The external examiner shall only be invited, who is at present working as faculty on permanent basis against sanctioned post, approved by the University having experience of not less than FIVE years in the University or an Institute/College affiliated to University for the conduct of computer practical and comprehensive viva-voce.

The concerned Principal/Director of the College/Institute shall request the examiner at his own level and shall make necessary arrangements for the smooth conduct of the examinations as stipulated in the Ordinances. The Principal/Director shall ensure to upload the marks awarded by the examiner(s) on the University website and also submit the hard copy of the award list along with attendance of the candidates and eligibility proof of examiner duly signed by both the examiner and Principal/Director to the office of the Controller of Examinations within 15 days of the conduct of examinations.

The concerned Principal/Director is also required to make payment of TA/DA and examination remuneration to the examiner on the spot as per University norms and the same will be reimbursed by the University after submitting the bills to the Controller of Examinations duly verified by the concerned Principal/Director of the Institute. The Institutes/Colleges are also advised to invite the examiners from nearby stations only. In case the examiner(s) is/are invited beyond 100 k. m. distance (one way), the permission of the University may be sought.

**SYLLABI**

**of**

**MASTER OF BUSINESS ADMINISTRATION**

**(Choice Based Credit System) FROM THE**

**ACADEMIC SESSION 2016-17**



**MAHARSHI DAYANAND UNIVERSITY**  
**ROHTAK (HARYANA)**

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**MANAGEMENT CONCEPTS AND APPLICATIONS**  
**Course Code: 16IMG21C1**

**Course Objective:**

The objective of this course is to expose the students to basic concepts of management and to enable them to gain appreciation for emerging ideas, techniques, procedures and practices in the field of management.

**Unit -I**

Introduction: concept and nature of management; managerial competencies – communication, team work, planning and administrative, strategic and global competencies; evolution of management thoughts – traditional, behavioural, system, contingency and quality viewpoints

**Unit -II**

Planning, decision making and organizing: nature and elements of planning, planning types and models, planning in learning organizations; strategic planning – an overview; decision making process, models of decision-making, increasing participation in decision-making, decision-making creativity; basic issues in organizing – work specialization, chain of command, delegation, decentralization, span of management, bases for departmentation

**Unit -III**

Leading: recognition of human factor, motivation models/approaches; leadership styles/behaviours, personal characteristics of effective leaders, leadership development; leadership for learning organizations

**Unit -IV**

Management control, managerial ethics and social responsibility: management control – concept and process, overview of control techniques, effective control system; managerial ethics, factors affecting ethical choices; ethical dilemma; social responsibility; evaluating corporate social performance; managing company ethics and social responsibility

**Suggested Readings:**

1. Robbins, S.P. and Decenzo, D.A. Fundamentals of Management , Pearson Education Asia, New Delhi
2. Hellreigel, Management, Thomson Learning, Bombay
3. Koontz, H and Wechrich, H; Management, Tata McGraw Hill
4. Stoner, J et. al, Management, New Delhi, PHI, New Delhi
5. Robbins & Coulter, Management, PHI, New Delhi
6. Satya Raju, Management – Text & Cases , PHI, New Delhi
7. Richard L. Daft, Management, Thomson South-Western

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**MANAGERIAL ECONOMICS**  
**Course Code: 16IMG21C2**

**Course Objective:**

The paper seeks to equip the students with the analytical tools of Economics and apply the same to rational managerial decision-making. It further seeks to develop economic way of thinking in dealing with practical business problems and challenges.

**Unit-I**

Nature and scope of managerial economics; nature of marginal analysis; alternative objectives of business firms; cardinal utility theory; indifference curve technique and the theory of consumer choice; consumer surplus; price, income and substitution effects; demand elasticity; demand estimation and forecasting; relationship between price elasticity and marginal revenue.

**Unit-II**

Law of variable proportions; laws of return; optimal input combination; output-cost relations; engineering cost curves; technological change and production decisions; revenue curves of a firm; price-output decisions under alternative market structures; shut-down points; Baumol's sales maximization model; advertising and price-output decisions.

**Unit-III**

Product differentiation; price-output decision in multi-plant and multi-product firms; general pricing strategies; special pricing techniques – limit pricing, peak load pricing and transfer pricing; dumping analysis; pricing of public utilities.

**Unit-IV**

Risk analysis; investment and capital replacement decisions; locational choice of a firm; measures of national income; business cycles; operative aspects of macroeconomic policies; inflation analysis; tariff analysis.

**Suggested Readings:**

1. Hirschey, Mark, Managerial Economics, Thomson Learning, Bangalore
2. Monroe, Kent B., Pricing-Making Profitable Decisions, MacGraw-Hill, New York
3. Keat, Paul B., and Philip K.Y. Young, Managerial Economics – Economic Tools for Today's Decision Makers, Pearson Education, Delhi
4. Salvatore, Dominick, Managerial Economics in a Global Economy, Thomson Learning, Hyderabad

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.



L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**ORGANISATIONAL BEHAVIOUR**  
**Course Code: 16IMG21C3**

**Course Objective:**

This course aims to provide insights necessary to understand behavioural processes at individual, team and organisational level enable students to learn how to influence the human behaviour in organisations

**Unit -I**

Foundation and background of OB, contemporary challenges -workforce diversity, cross-cultural dynamics, changing nature of managerial work, ethical issues at work, emotional intelligence in contemporary business

**Unit -II**

Individual behaviour and processes: individual differences – values and attitudes; Perception- concept, process and applications; Personality- concept, determinants and theories applications; Learning and Reinforcement, Stress – symptoms, causes, consequences and management

**Unit -III**

Interpersonal and team processes: group behaviour, group development, group dynamics, social loafing; developing teams – self-directed work teams, virtual teams; team building; Empowerment - concept, significance, process, prerequisites, Conflict – concept, sources, types, management of conflict, Power – concept, sources, approaches; organizational politics

**Unit -IV**

Organizational processes and structure: organizational structure and design, Work and job design; organizational learning; organizational culture; organizational change and development.

**Suggested Readings:**

1. Nelson, Debra L and James C Quick, Organisational Behaviour, Thomson Learning
2. Pareek, Udai, Understanding Organisational Behaviour, Oxford University Press, New Delhi
3. Robbins, S.P., Organisational Behaviour , Prentice Hall of India, New Delhi
4. Hellgiegel, D & J.W. Slocum, Organisational Behaviour, Thomson Learning
5. McSchane, Organisation Behaviour, TMH, New Delhi
6. Luthans, Fred, Organisational Behaviour, McGraw Hill, New York
7. New Storm and Keith Davis, Organisation Behaviour , TMH, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**QUANTITATIVE ANALYSIS**  
**Course Code: 16IMG21C4**

**Course Objective:**

The objective of this paper is to acquaint the students with various statistical tools and techniques used to business decision making

**Unit-I**

Construction of frequency distributions and their analysis in the form of measures of central tendency and variations; types of measures, their relative merits, limitations and characteristics; skewness: meaning and coefficient of skewness.

**Unit-II**

Correlation analysis - meaning & types of correlation, Karl Pearson's coefficient of correlation and spearman's rank correlation; regression analysis -meaning and two lines of regression; relationship between correlation and regression coefficients. Time series analysis - measurement of trend and seasonal variations; time series and forecasting.

**Unit-III**

Probability: basic concepts and approaches, addition, multiplication and Bayes' theorem. Probability distributions - meaning, types and applications, Binomial, Poisson and Normal distributions.

**Unit-IV**

Tests of significance; Hypothesis testing; Large samples, Small samples: Chi-square test, Analysis of variance.

**Suggested Readings:**

1. Levin & Rubin, Statistics for Business , Prentice Hall of India, N.Delhi.
2. Gupta S.P. & Gupta M.P. Business Statistics , Sultan Chand & Sons, Delhi.
3. Anderson, Quantitative Methods in Business , Thomson Learning, Bombay.
4. Anderson, Statistics for Business & Economics , Thomson Learning, Bombay.
5. Chandan, J.S. An Introduction to Statistical Methods , Vikas Publishing House, New Delhi.
6. Bhardwaj, R.S, Business Statistics , Excel Books, 2000
7. Gupta C.B. & Gupta, Vijay-Business Statistics , S.Chand & Co. Delhi.
8. Kothari C.R., Quantitative Techniques, Vikas Publishing House, New Delhi
9. Hooda.R.P., Statistics for Business & Economics, McMillan India Ltd.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**ACCOUNTING FOR MANAGERS**  
**Course Code: 16IMG21C5**

**Course Objective**

The objective of this course is to acquaint the students regarding various accounting concepts and its applications in managerial decision making

**Unit -I**

Financial Accounting-concept, importance and scope, accounting principles, journal, ledger, trial balance, depreciation (straight line and diminishing balance methods), preparation of final accounts with adjustments.

**Unit -II**

Analysis and interpretation of financial statements – meaning, importance and techniques, ratio analysis; fund flow analysis; cash flow analysis (AS-3)

**Unit -III**

Cost accounting-meaning, importance, methods, techniques; classification of costs and cost sheet; inventory valuation; an elementary knowledge of activity based costing

**Unit -IV**

Management accounting- concept, need, importance and scope; Budgetary control- meaning, need, objectives, essentials of budgeting, different types of budgets; standard costing and variance analysis (materials, labour); marginal costing and its application in managerial decision making.

**Suggested Readings:**

1. Singhal, A.K. and Ghosh Roy, H.J., Accounting for Managers, JBC Publishers and Distributors, New Delhi
2. Pandey, I.M., Management Accounting, Vikas Publishing House, New Delhi
3. Horngren, Sundem and Stratton, Introduction to Management Accounting, Pearson Education, New Delhi.
4. Anthony R.N. and Reece J.S., Management Accounting Principles, Homewood, Illinois, Richard D. Irwin, 1995.
5. Hansen & Mowen, Cost Management, Thomson Learning
6. Mittal, S.N., Management Accounting and Financial Management, Shree Mahavir Book
7. Depot, New Delhi.
8. Jain, S.P and Narang, K.L., Advanced Cost Accounting, Kalyani Publishers, Ludhiana.
9. Khan, M.Y. and Jain, P.K., Management Accounting, TMH, New Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-0-1

External Marks: 50  
Practical Marks: 50  
Time Allowed: 3 Hours

**COMPUTER APPLICATIONS IN MANAGEMENT**  
**Course Code: 16IMG21C6**

**Course Objective:**

Through this course it is intended to familiarize the students with the computer hardware and software applications for data/file management and exchange through net

**Unit-I**

Introduction to Computers: Characteristics, capabilities, limitations and applications of computers; types of computers; computer hardware, software; block diagram of computer and overview of working; types of computer language; generation of computer languages; functions and types of operating system

**Unit-II**

Basics of MS-Office: MS-Word – working with text, tables, checking spelling and grammar, printing a document, mail merge; MS-Excel – working with worksheet, formulas and functions, inserting charts; MS-PowerPoint – working with different views and designing presentation

**Unit-III**

Internet: Internetworking, Concepts, Internet Protocol Addresses, WWW Pages & Browsing, Security, Internet Applications, Analog and Digital Signals, Bandwidth, Network Topology, Packet Transmission, Long Distance communication, E-mail.

**Unit-IV**

Introduction to database: Concept, Characteristics, Objectives, Advantages and limitations, entity, attribute, schema, subschema.

**Lab:** Operating Systems Commands, Internet Surfing, MS Office, MS Word, MS Excel, MS Power point, Tally (latest version)

**Suggested Readings:**

1. Leon & Leon, Introduction to Computers, Vikas Publishing House, New Delhi.
2. June Jamrich Parsons, Computer Concepts 7th Edition, Thomson Learning, Bombay.
3. Comer 4e, Computer networks and Internet, Pearson Education
4. White, Data Communications & Computer Network, Thomson Learning, Bombay.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of five short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**BUSINESS ENVIRONMENT**  
**Course Code: 16IMG21C7**

**Course Objective:**

The objective of this course is to sensitize the students towards the overall business environment within which organization has to function and to provide insight to students of its implication for decision making in business organizations.

**Unit -I**

Nature and structure of business environment; macro and micro indicators; assessing risk in business environment; emerging sectors of Indian economy; relative size and growth of public and private sectors.

**Unit -II**

Design and strategy of economic reforms; current state of growth and investment; interest rate structure and present monetary policy; fiscal environment; current inflationary position and its impact on business sector; competitive environment; legislation for anti-competitive and unfair trade practices; consumer and investor protection.

**Unit -III**

Current industrialization trends and industrial policy; environment for the SME sector; infrastructure development and policy; public sector reforms and performance; public -private partnership; intellectual property regime and the R&D environment; trends in service sector growth; banking reforms and challenges; business opportunities in the rural sector.

**Unit -IV**

Globalisation trends and challenges; balance of payments trends; environment for foreign trade and investment; exchange rate movements and their impact; India's competitiveness in the world economy; external influences on India's business environment.

**Suggested Readings:**

1. Acharya, Shankar, India's Macroeconomic Management in the Nineties, ICRIER, New Delhi
2. Ahluwalia, I.J. and IMD Little, India's Economic Reform and Development, Oxford University Press, Delhi
3. Datt, R., Second Generation Economic Reforms in India, Deep and Deep, New Delhi
4. Khan, M.Y., Indian Financial System, TATA McGraw Hill, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**BUSINESS COMMUNICATION SKILLS**  
**Course Code: 16IMG21D1**

**Course Objective:**

To acquaint the students with fundamentals of communication, help them honing oral, written and nonverbal communication skills and to transform their communication abilities

**Unit-I**

Purpose and process of communication; myths and realities of communication; paths of communication; oral communication: noise, barriers to communication; listening – listening process, types of listening, deterrents to listening process, essentials of good listening; telephonic communication

**Unit-II**

Presentation skills: prerequisites of effective presentation, format of presentation; Assertiveness – indicators of assertive behaviour, strategies of assertive behaviour; Communication skills for group discussion and interviews

**Unit-III**

Nonverbal communication: gestures, handshakes, gazes, smiles, hand movements, style of working, voice modulations, body sport for interviews; business etiquettes: business dining, business manners of people of different cultures, managing customer care

**Unit-IV**

Written communication: mechanics of writing, report writing, circulars, notices, memos, agenda and minutes; business correspondence – business letter format, style of letter arrangement, types of letters, telex manages, facsimiles, electronic mail; diary writing; developing resume

**Suggested Reading:**

1. Kaul, Asha, Business Communication, PHI, New Delhi
2. Kaul, Asha, Effective Business Communication, PHI, New Delhi
3. Chaturvedi, P.D., and Mukesh Chaturvedi, Business Communication , Pearson Education
4. McGrath, E.H., Basic Managerial Skills for All, PHI, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**EVENT MANAGEMENT**  
**Course Code: 16IMG21D2**

**Unit-I**

Events – Nature, definition and scope, C's of events, designing, interaction and importance; Event marketing tools – various needs addressed by events, focusing and implementing events, advantages and disadvantages of events

**Unit-II**

Elements of Events – Event, infrastructure, target audience, organizers, venue, media activities to be carried out; concept of market in events, segmentation and targeting of the market events

**Unit-III**

Positioning in events and the concept of event property; events as a product, methods of pricing events, events and promotion, various functions of management in events

**Unit-IV**

Strategic alternatives arising from environment, competition and defined objectives; pricing objectives; evaluation of event performance – measuring performance and correcting deviations

**Suggested Readings:**

1. Shone, Anton and Bryn Parry, Successful Event Management, Cengage Learning India Pvt. Ltd, New Delhi
2. Gaur, S.S. and Saggere, S.V., Event Marketing Management
3. Panwar, J.S., Marketing in the New Era, Sage Publications, 1998
4. Kotler, P., Marketing Management, Analysis, Planning, Implementation and Control, Prentice Hall, 1997
5. Avrich, Barry, Event and Entertainment, Delhi, Vision Books, 1994

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**FINANCIAL MANAGEMENT**  
**Course Code: 16IMG22C1**

**Course Objective:**

The objective of this course is to acquaint the students regarding financial management tools and techniques in financial decision making

**Unit-I**

Financial management-scope finance functions and its organisation, objectives of financial management; time value of money; sources of long term finance.

**Unit-II**

Investment decisions importance, difficulties, determining cash flows, methods of capital budgeting; risk analysis (risk adjusted discount rate method and certainty equivalent method); cost of different sources of raising capital; weighted average cost of capital.

**Unit-III**

Capital structure decisions-financial and operating leverage; capital structure theories - NI, NOI, traditional and M-M theories; determinants of dividend policy and dividend models -Walter, Gordon & M.M. models.

**Unit-IV**

Working Capital- meaning, need, determinants; estimation of working capital need; management of cash, inventory and receivables.

**Note:** The topic of capital budgeting, management of cash, inventory management, receivable management will cover theoretical concepts and simple numerical questions.

**Suggested Readings:**

1. Pandey, I.M., Financial Management, Vikas Publishing House, New Delhi
2. Khan M.Y, and Jain P.K., Financial Management, Tata McGraw Hill, New Delhi
3. Keown, Arthur J., Martin, John D., Petty, J. William and Scott, David F, Financial Management, Pearson Education
4. Chandra, Prasanna, Financial Management, TMH, New Delhi
5. Van Horne, James C., Financial Management and Policy, Prentice Hall of India
6. Brigham & Houston, Fundamentals of Financial Management, Thomson Learning, Bombay.
7. Kishore, R., Financial Management, Taxman's Publishing House, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.



L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**MARKETING MANAGEMENT**  
**Course Code: 16IMG22C2**

**Course Objective:**

This course is designed to promote understanding of concepts, philosophies, processes and techniques of managing marketing operation and to develop a feel of the market place

**Unit -I**

Nature and scope of marketing: corporate orientation towards marketplace; building and delivering customer value and satisfaction; retaining customers; marketing environment; marketing research and information system

**Unit -II**

Analyzing consumer markets and buyer behaviour; analyzing business markets and business buying behaviour; market segmentation, positioning and targeting; tools of product differentiation; marketing strategies in the different stage of the product life cycle

**Unit -III**

New product development process; product mix and product line decisions; branding and packaging decisions; pricing strategies and programmes; managing marketing channels; wholesaling and retailing

**Unit -IV**

Advertising and sales promotion; public relations; personal selling; evaluation and control of marketing effort; web marketing; green marketing; reasons for and benefits of going international; entry strategies in international marketing

**Suggested Readings:**

1. Kotler Philip and Keller; Marketing Management; PHI, New Delhi
2. Kotler, Philip, Kevin Keller, A. Koshy and M. Jha, Marketing Management in South Asian Perspective, Pearson Education, New Delhi
3. Kerin, Hartley, Berkowitz and Rudelius, Marketing, TMH, New Delhi
4. Etzel, Michael J, Marketing: Concepts and Cases, TMH, New Delhi
5. Dhunna, Mukesh, Marketing Management – Text and Cases, Wisdom Publications, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**HUMAN RESOURCE MANAGEMENT**  
**Course Code: 16IMG22C3**

**Course Objective:**

The primary concern of this course is to develop an appreciation of effective management of human resources and to enable the students to meet HR challenges in present scenario

**Unit-I:**

Strategic importance of HRM; objectives of HRM; challenges to HR professionals; role, responsibilities and competencies of HR professionals; HR department operations; human resource planning – objectives and process; human resource information system

**Unit-II**

Talent acquisition: recruitment and selection strategies, career planning and management, succession planning, socialization and induction of new employees; training and development, investment in training, training need assessment, designing and administering training programme; executive development programme, evaluation of T & D programme

**Unit-III**

Appraising performance: developing and instituting performance appraisal system, assessment and development centres, potential appraisal; rewarding performance: linking rewards to organizational objectives, determine compensation structure, pay for performance and incentive plans, ESOP, executive compensation, designing and administering benefits and services

**Unit-IV**

HR in knowledge era: HR in knowledge industry, HR in virtual organizations, HR in mergers and acquisitions, outplacement, outsourcing HR functions, employee leasing, HR audit, international HRM

**Suggested Readings:**

1. Ivancevich, John M., Human Resource Management , Tata McGraw Hill, New Delhi
2. Gomez. Megia, Luis, David Balkin, and Roberty Cardy, Managing Human Resources, Pearson Education
3. Dessler, Gary, Human Resource Management, Pearson Education
4. Mathis, Robert, and John Jackson, Human Resource Management, Thomson Learning Inc.
5. Shell, Scott and George Bohlander, Human Resource Management , Thomson Learning Inc.
6. Pattanayak, Biswajert, Human Resource Management, PHI, New Delhi
7. Jyothi P., and D.N.Venkatesh, Human Resource Management, Oxford University Press, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**BUSINESS RESEARCH METHODS**  
**Course Code: 16IMG22C4**

**Course Objective:**

The objective of this paper is to impart knowledge about various stages of the research processes and their application in decision making.

**Unit-I**

Business research; its concept, nature, scope, need and managerial value of business research; components of theory – definitions, concepts, constructs, variables, hypothesis, process of research and structure of research proposal

**Unit-II**

Research design – concept and types – exploratory, descriptive, diagnostic and experimental; sampling design; techniques, factors influencing sample size, measurement – concept, measurement scales – types and construction of scales and reliability and validity aspects in measurement

**Unit-III**

Methods of data collection – questionnaire/schedule; questionnaire designing, interview and observational methods; data analysis and interpretation, editing, coding, content analysis and tabulation; hypothesis testing – an overview of parametric and non-parametric tests (Analysis of Variance, X test, Wilcoxon Matched – pairs signed – rank test, Mann – Whitney test, Kruskal – Wallis H-test)

**Unit-IV**

An overview of dependent and interdependent methods (multiple regression, discriminant analysis, conjoint analysis, factor analysis, cluster analysis); ingredients and constructions of research report; procedure of preparation of reference and bibliography

**Suggested Readings:**

1. Zikmund, Millian G., Business Research Methods , Thomson Learning , Bombay
2. Cooper, Donald R- and Pamel Schindler, Business Research Methods , Tata McGraw Hills, New Delhi
3. Geode, Millian J. & Paul K. Hatl, Methods in Research, McGraw Hills, New Delhi
4. Sekran, Uma, Business Research Method, Miley Education, Singapore
5. Kothari, C.R., Research Methodology

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-0-1

External Marks: 50  
Practical Marks: 50  
Time Allowed: 3 Hours

**COMPUTER NETWORKS AND INTERNET**  
**Course Code: 16IMG22C5**

**Course Objective:**

The primary objective of the course is to familiarize the students with technologies like networking and internet and to build skills in applying these technologies to various business processes

**Unit-I**

Introduction to Internet: Definition of networks, concepts of web page, website and web searching (browsing). Concepts of data transmission, half-duplex transmission, modems, client server computing, Introduction to OSI, TCP/IP reference models, cryptography.

**Unit-II**

Networked economy; Impact of computer networks on business, elements of networked economy, using IS functions to deal with business risks. Infrastructure of networked economy; Hardware, Software, sharing information and resources through networks, LAN WAN, and wireless networks,

**Unit-III**

Privacy and ethical issues in networked economy; treats to privacy, protecting privacy, ethical issues in networked economy, social and economic issues in networked economy, health issues in networked economy, future of the networked economy.

**Unit-IV**

HTML: Build a simple HTML document, tables, frames, links, adding multimedia documents, home page. Applications of networks in information sharing and dissemination: applications in banking, e-governance, ticket reservation etc.

**Lab:** Web Designing in HTML, Internet Surfing.

**Suggested Readings:**

1. McKeown, Information Technology and the Networked Economy, Thomson Learning
2. Forouzan, Data Communication & Networking, TMH, Delhi.
3. Miller, Data and Network Communication, Vikas Publishing House, New Delhi.
4. Tannenbaum, Computer Networks, PHI, Delhi.
5. Hagg, Baltzan & Philips, Business Driven Technology, TMH, N. Delhi.
6. Molly, Using HTML 4, PHI, Delhi.
7. Comer, E. Douglas, Computer Networks and Internet 4e, Pearson Education, Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of five short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**OPERATIONS RESEARCH**  
**Course Code: 16IMG22C6**

**Course Objective:**

The objective of this paper is to acquaint the students with various quantitative techniques which are of great importance for quantitative decision-making.

**Unit-I**

Operations Research: Evolution, methodology and role in managerial decision making; Linear programming: Meaning, assumptions, advantages, scope and limitations; Formulation of problem and its solution by graphical and simplex methods; special cases in simplex method: infeasibility, degeneracy, unboundedness and multiple optimal solutions; duality.

**Unit-II**

Transportation problems including transshipment problems; Special cases in transportation problems: unbalanced problems, degeneracy, maximization objective and multiple optimal solutions; assignment problems including traveling salesman's problem. Special cases in assignment problems: unbalanced problems, maximization objective and multiple optimal solutions.

**Unit-III**

PERT/CPM: Difference between PERT and CPM, network construction, calculating EST, EFT, LST, LFT and floats, probability considerations in PERT, time -cost trade-off. Decision theory: decision making under uncertainty and risk, Bayesian analysis, decision trees.

**Unit-IV**

Game theory, pure and mixed strategy games; principle of dominance; two person zero sum game; Queuing theory: concept, assumptions and applications; analysis of queue system, Poisson distributed arrivals and exponentially distributed service time models (MM1 and MMK); Simulation; meaning, process, advantages, limitations and applications.

**Suggested Readings:**

1. Paneerselvam, Operations Research, Prentice Hall of India, N. Delhi.
2. Taha, Operations Research: An Introduction, Prentice Hall of India, N. Delhi.
3. Vohra, N.D.; Quantitative Techniques in Management; Tata McGraw Hill Publishing Company Ltd., New Delhi.
4. Kapoor, V.K., Operations Research; Sultan Chand & Sons, New Delhi.
5. Sharma, J.K., Operations Research: Theory and Applications, Macmillan India Ltd, New Delhi.
6. Kalavathy, Operations Research, Vikas Publishing House, New Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**OPERATIONS AND SUPPLY CHAIN MANAGEMENT**  
**Course Code: 16IMG22D1**

**Course Objective:**

The objective of the subject is to explore the inter-linkage between operations management and supply chain management. The course seeks to provide the key concepts and solutions in the design, operation, control and management of supply chains as integrated systems

**Unit -I**

Introduction to operations Management; Factors affecting operation management, Decision making in operation Management; Operation strategies; Demand Forecasting, Qualitative & Quantitative Forecasting methods; Designing of processes and types of Process.

**Unit-II**

Facility Capacity ; Capacity Strategies; evaluation of capacity alternatives; analyzing capacity planning decisions; facility location; Factors, types and location planning methods, facility layout; Operation facility layout; types and layout decision models, Material Handling and packaging and Managing Quality, JIT and Lean production in operations management.

**Unit-III**

Introduction to supply chain management; global optimization; future trends in supply chain management; increasing supply chain responsiveness, Logistics; logistical operation in supply chain management, Supply chain synchronization, model and data validation, Logistic renaissance and logistics strategy & Decision Models, Logistic design and operational planning, network integration, managing operation across the supply chain.

**Unit-IV**

Procurement Process and sourcing decision; procurement process perspective, strategies & trends in procurement, The sourcing decision and strategies, E- Procurement, risk and benefits of outsourcing. Inventory, role and importance of inventory in supply chain Management. Customer value and supply chain Management, performance measure measurement along supply chain, Social issues & Relationship development in S.C.M.

**Suggested Readings:**

1. Bozarth, Cecil C. & Handfield, Robert B.; Introduction to Operations and Supply Chain Management; Pearson Education; New Delhi
2. Wisner, Joel D., Leong, G. Keong & Tan, Keah-Choon; Principles of Supply Chain Management – A balanced approach; Thomson Learning; New Delhi
3. Gaither, Norman & Frazier, Greg; Operations Management; Thomson Learning; New Delhi
4. Mahadevan, B.; Operations Management – Theory and Practice; Pearson Education; New Delhi
5. Krajewski, Lee J. & Ritzman, Larry P.; Operations Management – Processes and Value Chains; Pearson Education; New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**INTERNATIONAL BUSINESS**  
**Course Code: 16IMG22D2**

**Course Objective:**

The objective of the paper is to acquaint the students with the fundamentals of international business. The paper provides exposure to multiple dimensions of the field and imparts international perspective to business decisions.

**Unit-I**

Recent global trends in international trade and finance; dimensions and modes of IB; structure of IB environment; risk in IB; motives for internationalization of firms; organizational structure for IB; world trading system and impact of WTO; exchange rate systems; global financial system; barriers to IB; international business information and communication.

**Unit-II**

Foreign market entry strategies; country evaluation and selection; factors affecting foreign investment decisions; impact of FDI on home and host countries; types and motives for foreign collaboration; control mechanisms in IB.

**Unit-III**

Decisions concerning global manufacturing and material management; outsourcing factors; managing global supply chains; product and branding decisions; managing distribution channels; international promotion mix and pricing decisions; counter trade practices; mechanism of international trade transactions.

**Unit-IV**

Harmonizing accounting difference across countries; currency translation methods for consolidating financial statements; the LESSARD-LORANGE Model; cross cultural challenges in IB; international staffing decisions; compensation and performance appraisal of expatriate staff; ethical dilemmas and social responsibility issues.

**Suggested Readings:**

1. Daniels, J.D. and H. LEE Radesbaugh, International Business-Environment and Operations (New Delhi; Pearson Education)
2. Hill, Charles W.L., International Business -competency in the Global Marketplace (New Delhi: Tata McGraw Hill)
3. Sundaram, Anant K and Steward J Black, The International Business Environment: Text and Cases (New Delhi: Prentice Hall of India)
4. Sharan, V., International Business: Concept, Environment and Strategy (New Delhi: Pearson Education)
5. Beth V. Yarbrough and Robert H. Yarbrough, The World Economy – Trade and Finance, Thomson Learning, Singapore

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**STRATEGIC MANAGEMENT**  
**Course Code: 17IMG23C1**

**Course Objective:**

The objective of the course is to develop a holistic perspective of an organization and to enable the students to analyse the strategic situation facing the organization, to access strategic options available to the organization and to implement the strategic choices made by it.

**Unit -I**

Strategic Management Process: defining strategy, levels of approaches to strategic decision making, process of strategic management, roles of strategies, mission and objectives, strategic business unit, environment – concept, components and appraisal

**Unit -II**

Organization appraisal and strategy formulation: organizational dynamics and structuring organizational appraisal, SWOT analysis formulation – corporate level strategies and business strategies, strategy analysis and choice – the process, BCG matrix, GE matrix, SPACE approach, QSP matrix and strategic plan

**Unit -III**

Strategy implementation: aspects, structures, design and change; behavioural implementation – leadership, culture, value and ethics

**Unit -IV**

Functional implementation: functional strategies, plans and policies; marketing; financial, personal, operations, its plans and policies; strategic evaluation and control – an overview of strategic evaluation and control, techniques of strategic evaluation and control

**Suggested Readings:**

1. Kazmi, Azhar, Business Policy and Strategic Management, Tata McGraw Hill Publishing Company Ltd., New Delhi
2. David, Fred R. Strategic Management – Concept and Cases , Pearson Education, Delhi
3. Hitt, M.A., Ireland R.D. and Hos Kisson R.D., Strategic Management Competitiveness and Globalisation; Thomson Asia Pvt. Ltd.
4. Pearce II J A and Robinson Jr., R.B., Strategic Management – Strategy Formulation and Implementation, AITBS Publishers and Distributors, Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.



L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**MANAGEMENT INFORMATION SYSTEMS**  
**Course Code: 17IMG23C2**

**Course Objective:**

This course will equip students with skills to analysis information requirements for managerial decision making.

**Unit-I**

Data and Information. MIS- need and concepts, factors influencing MIS and characteristics of MIS. Technology of MIS. Structure of MIS. Decision Making and role of MIS. Data communication. Basic H/W required, Channel features and concept of Distributed Data bases  
Decision Support System: Overview, components and classification, steps in constructing a DSS, role in business, group decision support system

**Unit-II**

Information system for strategic advantage, strategic role for information system, breaking business barriers, business process reengineering, improving business qualities.

**Unit-III**

Planning for MIS; System Development Methodologies; Conceptual and detailed designs of MIS. Information system analysis and design, information SDLC, hardware and software acquisition, system testing, documentation and its tools, conversion methods.

**Unit-IV**

System implementation Strategies and process; System Evaluation and Maintenance. Applications – cross – functional MIWS; ERP; CRM; SCM; Transaction Processing; Artificial Intelligence technologies in business: neural network, fuzzy logic, virtual reality; Executive information system.

**Suggested Readings:**

1. Jawadekar, Management Information Systems , TMH, N Delhi.
2. Brien, James, Management Information System, Tata McGraw Hill, Delhi.
3. Stair, Principles of Management System, Thomson Learning, Bombay.
4. Mckeown, Information Technology and the Networked Economy, Thomson Learning, Bombay.
5. Brady, Cases in MIS , Thomson Learning, Bombay.
6. Murdick & Ross, Management Information System, PHI, Delhi.
7. Kanter, J., Management Information System, PHI, Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**ENTREPRENEURSHIP**  
**Course Code: 17IMG23C3**

**Course Objective:**

This course aims to acquaint the students with challenges of starting new ventures and enable them to investigate, understand and internalize the process of setting up a business.

**Unit -I**

Entrepreneurship: Concept, knowledge and skills requirement; characteristics of successful entrepreneurs; role of entrepreneurship in economic development; entrepreneurship process; factors impacting emergence of entrepreneurship; managerial vs. entrepreneurial approach and emergence of entrepreneurship

**Unit -II**

Starting the venture: generating business idea – sources of new ideas, methods of generating ideas, creative problem solving, opportunity recognition; environmental scanning, competitor and industry analysis; feasibility study – market feasibility, technical/operational feasibility, financial feasibility: drawing business plan; preparing project report; presenting business plan to investors

**Unit -III**

Functional plans: marketing plan – marketing research for the new venture, steps in preparing marketing plan, contingency planning; organizational plan – form of ownership, designing organization structure, job design, manpower planning; Financial plan – cash budget, working capital, proforma income statement, proforma cash flow, proforma balance sheet, break even analysis

**Unit -IV**

Sources of finance: debt or equity financing, commercial banks, venture capital; financial institutions supporting entrepreneurs; legal issues – intellectual property rights patents, trademarks, copyrights, trade secrets, licensing; franchising

**Suggested Readings:**

1. Hisrich, Robert D., Michael Peters and Dean Shepherd, Entrepreneurship, Tata McGraw Hill, New Delhi
2. Barringer, Brace R., and R. Duane Ireland, Entrepreneurship, Pearson Prentice Hall, New Jersey (USA)
3. Lall, Madhurima, and Shikha Sahai, Entrepreneurship, Excel Books, New Delhi
4. Charantimath, Poornima, Entrepreneurship Development and Small Business Enterprises , Pearson Education, New Delhi
5. Kuratko, Donand and Richard Hodgetts, Entrepreneurship, Cengage Learning India Pvt. Ltd., New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-0-1

External Marks: 50  
Practical Marks: 50  
Time Allowed: 3 Hours

**E-COMMERCE Course**  
**Code: 17IMG24C1**

**Course Objective:**

The objective of the course is to learn types, process of e-commerce, the tools, channels and the related issues in implementing the e-commerce practices.

**Unit-I**

Introduction to Electronic Commerce: origin and need; Framework, applications; network infrastructure (including internet), internet commercialization; factors affecting e-commerce; business and technological dimensions of e-commerce;

**Unit-II**

Electronic payment system, inter-organizational commerce & intra-organizational commerce, EDI, value-added network; digital library; smart card, credit card and emerging financial instruments.

**Unit-III**

B2B e-commerce; e-procurement, supply -chain coordination; on-line research; organizing for online marketing. Internet retailing; multi-channel retailing, channel design; selling through online intermediaries. Mobile commerce: Introduction to mobile commerce; benefits of mobile commerce; mobile commerce framework; Internet advertising;

**Unit-IV**

Security; advertising & marketing in the internet, introduction to marketing & CRM, consumer search & resource discovery, computer based education & training, digital copyrights. Search engines & directory services; Agents in electronic commerce

**Lab:** Internet Surfing of E-Commerce Sites.

**Suggested Readings:**

1. Schneider P. Gary, Perry T. James, E-Commerce, Thomson Learning, Bombay.
2. Hanson & Kalyanam, Internet Marketing & e-commerce, Thomson Learning, Bombay.
3. Bharat Bhasker, Electronic Commerce, TMH, N Delhi.
4. Kosiur, Understanding E-Commerce, Prentice Hall of India, Delhi.
5. Kalakota, Whinston, Frontiers of Electronic Commerce, Addison Wesley.
6. Shurety, E-business with Net Commerce (with CD), Addison Wesley.
7. Napier, Creating a winning E-business, Vikas Publishing House, New Delhi
8. Didar Singh, E Commerce for Manager, Vikas Publishing House, New Delhi
9. Whitely David, Electronic Commerce, TMH, Delhi.
10. Efraim Turban, Jay Lee, David King & H. Michael Chang, Electronic Commerce: A Managerial Perspective, Pearson Education, Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of five short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**PERFORMANCE MANAGEMENT**  
**Course Code: 17IMG23GH1**

**Course Objective:**

The objective of the course is to acquaint students with the performance concepts, measures and learning tools for improving performance of the employees.

**Unit-I**

Basics of Performance Management – Concept, essence, scope, need for performance management as a system, principles, PM vs. PA, performance management process, performance management and strategic planning linkages, performance and potential management

**Unit-II**

Measuring Performance – Managing for results, managing behaviour, managing competencies, conducting performance reviews

**Unit-III**

Designing and Implementing Performance Management Process – Performance Planning, defining objectives and performance standards, defining capability requirements, performance management system implementation, automation of performance management process, legal requirements

**Unit-IV**

Key Issues – 360° feedback, feedback, counseling and coaching, strategy maps and balance score card, management team performance, managing organizational performance, performance management and pay, performance management training, evaluating performance management

**Suggested Readings:**

1. Armstrong, Michael, Performance Management – Key strategies and Practical Guidelines, Kogan Page
2. Cokins, Gary, Performance Management, Finding the Missing Pieces, John Wiley and Sons
3. Shields, John, Managing Employees Performance and Reward, Cambridge University, NODA
4. Aguinis, Herman, Performance Management, Pearson Education Inc.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

## **ORGANISATIONAL CHANGE AND DEVELOPMENT**

**Course Code: 17IMG23GH2**

### **Course Objective:**

This course is designed to provide in depth understanding of behavioural interventions and enable the students to apply these intervention for building individual, team, systems and process related competencies and helping organizational to achieve peak performance and become self-sustaining

### **Unit-I**

Organizational Change – meaning, nature, types; theories of planned change; Organizational Development – nature and characteristics; process of organizational development

### **Unit-II**

Human Process Interventions – T-group, process consultation, third party interventions, team building; organizational confrontation meeting, coaching and mentoring, role focused interventions

### **Unit-III**

Techno structural Interventions – restructuring organization, reengineering, employee involvement, work design; Strategic Interventions – Organization and environment relationships, organization transformation

### **Unit-IV**

Contemporary issues and applications – Organizational development in global context, organizational development in service sector, OD Practitioners – role, competencies requirement, professional ethics and values and experiences; future trends in OD

### **Suggested Reading:**

1. Cummings, Thomas G. and Christopher G. Worley, Organisation Development and Change, Thomson Learning
2. Ramnarayan S., T.V. Rao and Kuldeep Singh, Organisation Development
3. Interventions and Strategies, Response Books, New Delhi
4. French, Wendell L. and Lecil H. Bell, Organisation Development, PHI, New Delhi
5. Chowdhury, Subir, Organisation 2IC, Pearson Education

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**INDUSTRIAL RELATIONS AND LABOR LEGISLATIONS**  
**Course Code: 17IMG24GH1**

**Course Objective:**

The objective of this course is to sensitize and expose students to critical tasks, functions and issues of industrial relations and to gain insight into the dynamics of employee management relations on the different job situations.

**Unit -I**

Industrial Relations: Concept, Scope, Objectives, emerging socio -economic and techno-economic profile; Impact of technological change on industrial relations; Role of State in managing industrial relations factors affecting industrial relations.

**Unit -II**

ILO and Trade Unions: Objectives and functions; Development of trade Union movement in India; Challenges of Trade Union movement; Forms of union; Trade Union response toward liberalization and change; Role and objectives of ILO. Prevention and settlement of disputes.

**Unit III**

Labor Legislations: Objectives, forms and significance; Grievance handling legislations: Social security legislations, Regulatory legislations and protective and employment legislations; Harmony and discipline

**Unit - IV**

Co-ownership management; Concept and significance; Involvement of workers with management processes; Strategic implementation of WPM; Collective bargaining and empowerment: role, methods and significance to quality management. Quality of work life.

**Suggested Readings**

1. Ramaswamy, E. Managing Human Resources, Oxford University Press, New Delhi
2. Venkataratnam, C.S. and Sinha, Pravin, Trade Union Challenges at the Designing of 21<sup>st</sup> Century, IIRA - Excel Books, New Delhi
3. Monappa, A. Industrial Relations, Tata McGraw Hill, New Delhi
4. Monappa, A. Managing Human Resources, Tata McGraw Hill, New Delhi
5. Sinha, Sinha, Sakher, Industrial Relations, Trade Unions and Labour Legislations, Pearson Education, New Delhi
6. Venkataratnam, C.S., Industrial Relations, Oxford University Press, New Delhi
7. Dutta, S.K. Guide to Disciplinary Action, Tata McGraw Hill, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**STRATEGIC HUMAN RESOURCE MANAGEMENT**  
**Course Code: 17IMG24GH2**

**Course Objective:**

The primary concern to this course is to develop in depth understanding of the strategic role performed by HR in business organizations and to gain insight of the alignment between different HR systems and practices and organizational outcomes

**Unit-I**

HR environment; HRM in knowledge economy; concept of SHRM: investment perspective of SHRM, evolution of SHRM, strategic HR vs. traditional HR, barrier to strategic HR, role of HR in strategic planning

**Unit-II**

Strategic fit frameworks: linking business strategy and HR strategy, HR bundles approach, best practice approach; business strategy and human resource planning; HRM and firm performance linkages – measures of HRM performance; sustained competitive advantages through inimitable HR practices

**Unit -III**

HR Systems: staffing systems, reward and compensation systems, employee and career development systems, performance management systems

**Unit-IV**

Strategic options and HR decisions – Downsizing and restructuring, domestic and international labour market, mergers and acquisitions, outsourcing and off shoring

**Suggested Readings:**

1. Mello, Jeffrey A ., Strategic Human Resource Management, Thomson Learning Inc.
2. Agarwala, Tanuja, Strategic Human Resource Management, Oxford University Press, New Delhi
3. Dreher, George and Thomas Dougherty, Human Resource Strategy, Tata McGraw Hill
4. Greer, Charles, Strategic Human Resource Management, Pearson Education
5. Belcourt, Monica and Kenneth McBay, Strategic Human Resource Planning, Thomson
6. Learning Inc.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

## MANAGEMENT OF FINANCIAL SERVICES AND INSTITUTIONS

Course Code: 17IMG23GF1

### Course Objective:

The objective of this paper is to acquaint the students about major financial services and institutions

### Unit-I

Financial Services: salient features, scope and problems; mutual funds; venture capital financing; regulatory and theoretical framework of leasing; issue management activities/procedures of merchant banking

### Unit-II

Credit rating; factoring and forfeiting; housing finance; merger/amalgamation and acquisition/takeover; debt securitization

### Unit-III

Development Banks - operational policies and practices of IDBI, ICICI, IFCI, SIDBI; EXIM BANK; UTI; LIC; segments/instruments of money market

### Unit-IV

Mechanism of security trading, NSE, OTCEI, scripless trading, depository system and custodial services; SEBI – its objectives, functions and powers

### Suggested Reading:

1. Bhole, L. M., Financial Institutions and Markets, Tata McGraw Hills, New Delhi
2. Khan, M. Y., Financial Services, Tata McGraw Hill, New Delhi
3. Pathak, Indian Financial System, Pearson Education
4. Khan, M.Y., Indian Financial System, Tata McGraw Hill, New Delhi
5. Machiraju, H.R., Indian Financial System, Vikas Publishing House
6. Machiraju, H.R., Working of Stock Exchange in India, New Age Publication
7. Shrivastava, R.M., and Nigam, Divya, Management of Indian Financial Institutions, Himalaya Publishing House

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.



L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**PROJECT MANAGEMENT AND INFRASTRUCTURE FINANCE**  
**Course Code: 17IMG23GF2**

**Course Objective:**

The objective of this paper is to acquaint the students about the project planning, appraisal and control and financing of infrastructure projects.

**Unit -I**

Phases and objectives of capital budgeting; generation and screening of project ideas; market, demand and situational analysis, technical analysis and financial analysis.

**Unit -II**

Special decision situations, analysis of project risk; appraisal criteria, firm risk and market risk.

**Unit -III**

Social cost benefit analysis, UNIDO approach, SCBA by financial institutions, project financing in India - project appraisal by financial institutions, environmental appraisal of Projects.

**Unit -IV**

Project management: organisation, planning, control, human aspects and pre-requisites. Financing infrastructure projects: Concept, rational and financial instruments; Public finance for infrastructure projects; BOOT/ BOT system for infrastructure projects.

**Suggested Readings:**

1. Chandra, Prasanna, Projects : Planning Analysis, Selection, Implementation and Review, Tata McGraw Hill, New Delhi, 2002.
2. Bhavesh, M Patel, Project Management, Vikas Publishing House, New Delhi.
3. Machiraju, H. R., Project Finance, Vikas Publishing House, New Delhi.
4. Rao, P.C.K., Project Management and Control , Sultan Chand & Sons, N.Delhi.
5. Nijiru, Cyrus and Merna, Tony, Financing Infrastructure Projects, Thomas Telford, UK, ISBN

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**MANAGEMENT OF BANKING AND INSURANCE**  
**Course Code: 17IMG24GF1**

**Course Objective:**

The attempt of this paper is to impart knowledge of various functional areas and risk management in banking and insurance sectors

**Unit-I**

An overview of the banking sector- growth and structure; function and operations – RBI, Commercial Banks, RRBs, Cooperative Banks and NABARD; regulatory issues for governance of banking sector– role of RBI and Ministry of Finance; marketing in banking industry - component of bank marketing strategy; role of technology in banking

**Unit-II**

Component of ALM and their management; liquidity management, interest rate management, management of credit and operational risk; treasury operations and management; managing capital adequacy and profit planning; managing NPAs.

**Unit-III**

Origin and development of insurance sector; objective and process of risk management; types and structure of insurance plans; investment pattern and policies of insurance companies; challenges of insurance marketing; role of IRDA; pension funds in India

**Unit-IV**

Organizational forms, structure and administration of life and non-life insurance companies; life and nonlife insurance management – strategic management, planning and control cycle, use of life insurance in personal and business planning; life and non-life (health and motor vehicle) insurance underwriting; financial management of life insurance companies

**Suggested Readings:**

- 1.Black, Kenneth jr. & Skipper, Harold D. jr., Life and Health Insurance, Pearson Education, Delhi
- 2.Rejda, George E, Principles of Risk Management and Insurance, Pearson Education, Delhi
- 3.Shekhar, K.C. and Shekhar, Lekshmy , Banking Theories and practices , Vikas Publication
- 4.Besis Joel Risk Management in Banking , John Mily & Sons
- 5.Risk Management, Indian Institute of Banking and Finance, McMillan Publisher
- 6.The New Basel Record, ICFAI Publication
- 7.Financial Intermediation, Indian Institute of Banking and Finance
- 8.Trieschmann, Risk Management & Insurance, Thomson Learning

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**  
**Course Code: 17IMG24GF2**

**Course Objective:**

The objective of this paper is to acquaint the students about the investment decisions, Risks involved in them, theories of security valuation, fundamental and technical analysis and theories and concepts involved in portfolio management.

**Unit -I**

Investment-Meaning, nature, process and alternatives; return and risk; Concept and components of total risk; Measuring historical and expected return and risk; systematic and unsystematic risk. Measurement of systematic risk.

**Unit -II**

Objectives and benefits of investment analysis and security valuation ; theories of fixed and variable income securities; Efficient Market Theory; Fundamental Analysis - Economic, Industry and Company Analysis; Technical Analysis.

**Unit -III**

Portfolio – Meaning, advantages and selection; Selection Problems: Markowitz portfolio theory; expected return and standard deviation for portfolios; the efficient frontier; the efficient frontier and investor utility; the selection of the optimal portfolio; Sharpe single -index model; Capital Asset Pricing Model; Arbitrage Pricing Theory.

**Unit -IV**

Bond portfolio management strategies – passive portfolio strategies, active management strategies; Portfolio revision – meaning, need, constraints and strategies; formula plans - constant-dollar-value plan, constant ratio plan, variable ratio plan; Portfolio performance evaluation: risk adjusted measures of performance.

**Suggested Readings:**

1. Reiley & Brown, Investment Analysis & Portfolio Management, Thomson Learning, Bombay.
2. Pandian, Security Analysis and Portfolio Management, Vikas Publishing House, New Delhi
3. Sharpe, Alexander & Wiley, Investment. Prentice Hall of India, New Delhi.
4. Alexander, Gordon J. and Bailey, Jeffery V., Investment analysis and Portfolio Management, Dryden Press, Thomson Learning, Bombay.
5. Bodie ZVI, Kane Alex, Marcus, Alan J and Mohanty, Pitabas, Investments, TMH, New Delhi, 2006.
6. Elton, Edwin J. & Gruber, Martin J., Modern Portfolio Theory & Investment Analysis, John Wiley & Sons.
7. Haugen, Robert A., Modern Investment Theory, Pearson Education, New Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-0-1

External Marks: 50  
Practical Marks: 50  
Time Allowed: 3 Hours

## OBJECT-ORIENTED ANALYSIS & DESIGN

Course Code: 17IMG23GT1

### Course Objective:

The objective of this course is to acquaint the students with object oriented programme methodologies.

### Unit-I

Object-oriented concepts, object and classes, links and associations, inheritance and multiple inheritance, grouping constructs, polymorphism, encapsulation.

### Unit-II

Object modeling, dynamic modeling, functional modeling, object-oriented system development

### Unit-III

C++ language: Classes and objects, functions, constructors and destructors, overloading, type conversions

### Unit-IV

Inheritance: Extending classes, pointers, virtual functions and polymorphism, input-output operations.

**Lab:** Programming in C++ on above defined syllabus

### Suggested Readings:

1. Deitel and Deitel , C++ How to Program, Pearson Education, New Delhi.
2. Robert Lafore, Turbo C++, Galgotia Publications, New Delhi.
3. Booch , OOAD, Add Wesley
4. Stroustrup , C++ , Addison Wesley
5. Rumbagh, OOPS, PHI, New Delhi.
6. Balagurusamy , OOPS with C++,TMH, New Delhi.
7. Herbert Schildt, C++ The complete Reference, TMH, New Delhi.
8. Satzinger, Object Oriented Analysis and Design, Thomson Learning, Bombay.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of five short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-0-1

External Marks: 50  
Practical Marks: 50  
Time Allowed: 3 Hours

## **PROGRAMMING IN ORACLE**

**Course Code: 17IMG23GT2**

### **Course Objective:**

The objective of the course is to understand the tools of Relational Data Base Management Systems.

### **Unit-I**

Introduction to Oracle: DBMS, RDBMS, tools of oracle: SQL\*PLUS.PL/SQL, forms, reports, SQL vs SQL\*PLUS, data types in oracle, data definition language, data manipulation language, transaction control and data control language.

### **Unit-II**

SQL functions, operators, joins, queries and sub queries, constraints.

### **Unit-III**

Database Objects: Synonym, sequence, view and index; abstract data types, varying arrays, nested tables, concept of locks and types of locking.

### **Unit-IV**

Introduction to PL/SQL: Advantages, PL/SQL block, declarations, executable commands: conditional logic, loops, goto statements; concept of exception handling, database triggers.

**Lab:** Programming in Oracle on above defined syllabus.

### **Suggested Readings:**

1. Page, Special Editions using Oracle 8/8i, Prentice Hall of India, New Delhi.
2. Lemme & Colby, Implementing and Managing Oracle Databases, Prentice Hall of India, New Delhi.
3. Loney, ORACLE 8i: The Complete Reference, Tata McGraw Hill, New Delhi.
4. Phillip J. Pratt, Guide to SQL, Thomson Learning, Bombay.
5. Morrision, Enchanced Guide to Oracle 8i, Thomson Learning, Bombay.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of five short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**SYSTEMS ANALYSIS AND DESIGN**  
**Course Code: 17IMG24GT1**

**Course Objective:**

This set aims to help students understand the complexities involved in design and implementation of information systems in business organizations coupled with aligning IT strategies for developing strategic planning resources.

**Unit-I**

Concept of system, Business Information System, types of business information systems, overview of system development methodologies, role of systems analyst, CASE tools for systems analyst; feasibility study - economic, organizational and cultural, technological, schedule and resource.

**Unit-II**

System Development Life Cycle : Preliminary investigation - Information System Projects, evaluation of system requests, major steps in preliminary investigation; Systems Analysis - fact finding techniques, documentation, data flow diagrams, data dictionary; cost benefit analysis.

**Unit-III**

Systems Design : User interface design, input and output design, data design; Systems Implementation : Application development, quality assurance, structured application development - structure charts, cohesion, coupling, testing, program, system, operations, user documentation; Installation - Training, system changeover.

**Unit-IV**

Designing Distributed and Internet Systems: designing distributed systems - designing systems for LANs, for client / server architecture; designing internet systems - internet design fundamentals, design issues related to site management, managing online data.

**Suggested Readings:**

1. Hoffer et. al. , Modern System Analysis and Design, Thomson Learning
2. Shelly, Cashman, Rosenblatt, System Analysis and Design 4e, Thomson Learning
3. Satzinger, System Analysis and Design, Thomson Learning, Bombay.
4. Hawryskiewycz, I T. Introduction to Systems Analysis and Design. 2nd ed., New Delhi, Prentice Hall of India.
5. Whitten, J L. System Analysis and Design Methods . New Delhi, Galgotia.
6. Awad, Elias M., Systems Analysis and Design, Prentice Hall of India, New Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-0-1

External Marks: 50  
Practical Marks: 50  
Time Allowed: 3 Hours

**PROGRAMMING IN JAVA**  
**Course Code: 17IMG24GT2**

**Course Objective:**

The objective of the course is to introduce students to platform independent programme methodologies using JAVA forecasting both off line and on line web based application.

**Unit-I**

Programming through JAVA: JAVA history, JAVA features, JAVA and internet, JAVA and WWW, hardware and software requirements, JAVA environment, program structure, JAVA tokens, JAVA virtual machine, constants, variables and data types, operators and expressions, decision making and branching, decision making and looping.

**Unit-II**

Classes, objects and methods, interfaces, packages, managing errors and exceptions, multithreading

**Unit-III**

Applet programming: local and remote applets, applets and applications, applet life cycle, creating an executable applet, applet tag, passing parameters to applets, I/O basics.

**Unit-IV**

String handling, event handling, AWT: Working with windows, graphics and text, controls, layout managers.

**Lab:** Java Programming and Internet Surfing.

**Suggested Readings:**

1. Wigglesworth, Advanced Programming in Java, Thomson Learning, Bombay.
2. Slack, Problem Solving in Java , Thomson Learning, Bombay.
3. Deitel and Deitel, JAVA How to Program, Pearson Education,
4. Decker, Programming Java , Vikas Publishing House, New Delhi
5. E.Balagursamy, Programming in JAVA, TMH, New Delhi.
6. Patrick Naughton, JAVA Complete Reference, TMH, New Delhi.
7. Herbert Schildt, JAVA Complete Reference, TMH, New Delhi.

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of five short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**FOREIGN EXCHANGE MANAGEMENT**  
**Course Code: 17IMG23GII**

**Course Objective:**

The purpose of the paper is to skill the students in the instruments, techniques and applications of foreign exchange management. It exposes the students to the functional and operational aspects of foreign exchange market and the intricacies of the risks involved.

**Unit -I**

Nature of foreign exchange: sources of demand for and supply of foreign exchange-the balance of payments (bop) framework; nominal, real and effective exchange rates; determination of rate of exchange, monetary portfolio balance, purchasing power parity approaches; overvalued and undervalued currencies; exchange rate systems.

**Unit -II**

General factors of exchange rate fluctuations; the Dornbusch Sticky -price theory of exchange rate volatility; exchange rate overshooting and the J-curve effect; central banking intervention for exchange rate stability; effect of depreciation on trade balance.

**Unit -III**

Nature functions and participants of foreign exchange market; spot and forward markets; forward premium; forwards in hedging and arbitrage; methods of quoting exchange rates; cross rates of exchange; arbitrage operations; bid -ask spreads; the Interest Rate Parity Theorem; the Expectation Theory; International Fisher Effect.

**Unit -IV**

Currency futures, options and determination of their market value, over-the-counter options; Fisher Black's Optional-Pricing model; currency and interest rate swaps; credit risk of swaps, Euro currency market and its instruments; measuring foreign exchange risk and exposure; basic techniques of exposure management; foreign exchange regulation in India.

**Suggested Readings:**

1. Giddy I.A.N., Global Financial Markets, AITBS, New Delhi
2. D. Levi Maurice, International Finance, Prentice Hall of India, New Delhi
3. Buckley, Multinational Finance, Prentice Hall of India, New Delhi
4. Roth Paul, Mastering Foreign Exchange and Money Markets, Pitman, London
5. Apte P.G., International Financial Management, Tata McGraw Hill, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.



L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**INTERNATIONAL TRADE THEORY AND PRACTICE**  
**Course Code: 17IMG23GI2**

**Course Objective:**

The paper seeks to develop conceptual and analytical framework within which the students can analyse international trade problems and issues. It further enables the students to understand the practical parts of trade policy within which the business is required to make adjustments.

**Unit -I**

Growing importance of trade in world economy; trade as an agent of globalization; alternative bases and explanations of trade; gains from trade; term of trade – alternative concepts; trade equilibrium and determination of terms of trade; significance of conceptual understanding of trade theory for IB manager

**Unit -II**

Free trade versus protection; tariff classification; economic effects of tariff; tariff retaliation; export subsidies, countervailing duties and dumping; effects of a quota; international economic integration – forms and levels; trade creating and trade diverting effects of a custom union; repercussions of regional economic groupings on the strategy of international marketers

**Unit -III**

Components of international trade policy; export promotion strategies; import substitution; rationale and working of free trade zones; assessing export potential for specific products in specific markets; logic of state trading and canalized trade; trade fairs and exhibition; commercial intelligence

**Unit -IV**

Major quantitative and qualitative; trends in India's foreign trade since 1991; major schemes and incentives for exporters; import control regime; impact of WTO provisions on trade policy; overall assessment of India's trade policy

**Suggested Readings:**

1. Krugman, Paul R. and Maurice Obstfeld, International Economics: Theory and Policy, Pearson Education, Delhi
2. Bo Sodersten, International Economics, Macmillan, London
3. D. Salvatore, Theory and Problems of International Economics, McGraw Hill, New York
4. H. Robert Heller, International Trade, Prentice Hall of India, New Delhi
5. Govt. of India, Economic Survey (Latest Issue)

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**INTERNATIONAL FINANCIAL MANAGEMENT**  
**Course Code: 17IMG24GII**

**Course Objective:**

The course emphasises on the managerial aspects of international finance and seeks to impart the skills needed by multinational financial managers.

**Unit -I**

Finance function in a multinational firm; structure of international financial markets; cost and availability of international financial flows; international financial instruments.

**Unit -II**

Aspects of international cash management; investment criteria and borrowing decisions; centralized versus decentralized cash management; optimizing cash flows; cash management and value of the firm.

**Unit -III** International portfolio versus direct investment; international CAPM and Roll's critique; Arbitrage Pricing Theory; capital budgeting for foreign investment; strategic adjustment to international taxation; assessing and managing country risk in capital budgeting decisions.

**Unit -IV**

Multinational capital structure and cost of capital; strategic considerations in euro -equity issues; international bond financing; determining financial structure of foreign subsidiaries of MNCs; financial choices for an MNC and its foreign affiliates; international portfolio diversification-techniques and barriers; asset allocation policy; costs and risks of financing; strategies for managing currency risk.

**Suggested Readings:**

1. Levi Maurice D., International Finance, McGraw-Hill, New York
2. Buckley A., Multinational Finance, Prentice-Hall of India, New Delhi
3. Shapro A.C., Multinational Financial Management, Prentice-Hall, New Delhi
4. Apte P.G., International Financial Management, TATA McGraw-Hills, New Delhi
5. Butler, K.C., Multinational Finance, Thomson Learning, Bombay

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**INTERNATIONAL LOGISTICS**  
**Course Code: 17IMG24GI2**

**Course Objective:**

The purpose of the paper is to expose the students to the practical aspects of international trade and the domestic and international institutional and regulatory arrangements for this part of international business.

**Unit -I**

Trends in world trade growth; nature, significance and components of international logistics; creating an export organization; registration and licensing; selecting export products and markets and channels; export costing and pricing procedures incoterms; deciding payment terms; export contracts; deciding currency of payment; export order processing; international logistics infrastructure.

**Unit -II**

Arranging pre -shipment finance; export procurement; quality control and pre -shipment inspection; packing and labeling of export consignments; basic procedure and documentation for excise and custom clearance; ADS; Cargo insurance; shipping modes procedures and documentation; role of forwarding agents.

**Unit -III**

Arranging post-shipment finance; documentary collection of export bills; UCPDC guidelines; negotiating documents under L/C; managing exchange earners' foreign currency accounts; availing foreign exchange facilities; protecting against adverse movements in exchange rates; role of EXIM Bank; major provisions of FEMA relating to exporters; export credit risk insurance and the role of ECGC.

**Unit -IV**

Major export promotion schemes in India; export assistance to export houses; SEZ units, EOUs, EHTP, STP and BTP units; facilities for deemed exports; marketing development assistance; trade information support; role of commodity boards and export promotion councils in trade promotion; facilities for service exports.

**Suggested Readings:**

1. Paras Ram, Export: What, When, How, Anupam Publications, New Delhi
2. Khurana, P.K., Export Management, Galgotia Publishing, New Delhi
3. Shavaramu, Export Marketing – A Practical Guide for Exporters , Wheeler Publishing, New Delhi
4. Govt of India, An Overview of Customs , Commissionate of Customs and ICDs, New Delhi
5. Govt. of India, Ministry of Commerce and Industry – Handbook of Procedure, Govt. of India, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**BRAND MANAGEMENT**  
**Course Code: 17IMG23GM1**

**Course Objective:**

The purpose of the course is to expose the students to the process and methods of brand management, including how to establish brand identity and build brand equity and how to formulate effective branding strategies for both consumer and business products/services.

**Unit-I**

Branding concepts; branding challenges and opportunities; brand equity concept; strategic brand management process; customer based brand equity; building a strong brand and its implications; identifying and establishing brand positioning; defining and establishing brand values; internal branding

**Unit-II**

Choosing brand elements to build brand equity; designing marketing programs to build brand equity: integrating marketing communication to build brand equity: information processing model of communication, marketing communication options, leveraging secondary brand knowledge to build brand equity: conceptualizing the leveraging process, country of origin; co-branding, licensing, celebrity endorsement, sporting, cultural and other events

**Unit-III**

Developing a brand equity measurement and management system: establishing brand equity management system; measuring sources of brand equity – capturing customer mindset: qualitative research techniques, quantitative research techniques; measuring outcomes of brand equity; capturing market performance

**Unit-IV**

Designing and implementing branding strategies: brand-product matrix, brand hierarchy, introducing and meaning new products and brand extensions; managing brands over time: managing brands over geographic boundaries and market segments

**Suggested Readings:**

1. Keller, Kevin Lane; Strategic Brand Management; Pearson Education; New Delhi
2. Kapferer, Jean Noel; Strategic Brand Management; Kogan Page; New Delhi
3. Kumar, S. Ramesh; Marketing and Branding – The Indian Scenario; Pearson Education; New Delhi
4. Kapoor, Jagdeep; 24 Brand Mantras; Sage Publications; New Delhi
5. Sengupta subroto; Brand Positioning: Strategies for competitive advantage; Tata McGraw Hill; New Delhi
6. Clifton, Rita & Simmons, John; Brands and Branding; The Economist; Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**CONSUMER BEHAVIOUR**  
**Course Code: 17IMG23GM2**

**Course Objective:**

The subject explores the mysterious world of the consumer's psyche and guidelines to the students to understand what makes consumers to purchase a particular product or avail a particular service

**Unit-I**

Consumer behaviour and consumer research; importance of consumer behaviour; evolution of consumer behaviour; methods of studying consumer behaviour; customer centric organizations; market analysis; market segmentation, marketing mix strategies; value of brands in marketing strategy; customer loyalty and retention strategy; global marketing strategy; global advertising effectiveness; consumer decision process model; variables affecting the decision process; types of decision process; factors influencing the extent of problem solving; pre purchase processes; need recognition; internal and external search; pre-purchase evaluation

**Unit-II**

Different types of purchase situations; retailing and the purchase process; determinants of retail success or failure; point-of-purchase materials; consumer logistics; location based retailing; direct marketing consumption behaviours; consumption experiences; importance of customer satisfaction; factors affecting satisfaction level; demographics and consumer behaviour; economic resources and consumer behaviour; personality and consumer behaviour; personal values; lifestyle motivational conflict and need priorities; motivational intensity; motivating consumer

**Unit-III**

Importance of consumer knowledge; types of consumer knowledge; sources of consumer knowledge; benefits of understanding consumer knowledge; consumer beliefs; consumer feelings; consumer attitudes; consumer intentions; culture and its effect on consumer behaviour; changing values and its effect on consumer behaviour; changing values and its effect on marketing; determinants of social class; social class and consumer behaviour; importance of families and households on consumer behaviour; role behaviour and its influence on the decision process; family life cycles; changing roles of women; children and household consumer behaviour

**Unit-IV**

Group and personal influences on individuals; reference group and its influence on individuals; transmission of influence through dyadic exchanges; word of mouth and opinion leaders in advertising and marketing strategy; diffusion of innovations; diffusion process; reaching the consumer; gaining consumer's attention; shaping consumer's opinion; opinions change; product's and advertising's role in shaping consumer opinion; cognitive learning; retrieval of information; company's role in helping consumers to remember

**Suggested Readings:**

1. Blackwell, Roger, Miniard, Paul & Engel, James; Consumer Behaviour; Thomson Learning; New Delhi
2. Loudon, David J. & DellaBitta, Albert; Consumer Behaviour; Tata McGraw Hill; New Delhi
3. Schiffman, Leon G. & Kanuk, Leslie Lazar; Consumer Behaviour; Pearson Education; New Delhi
4. Soloman, Michael R.; Consumer Behaviour – Buying, Having and Being; Pearson Education; New Delhi
5. Nair, Suja R.; Consumer Behaviour in Indian Perspective ; Himalaya Publishing House; New Delhi

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L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**INTEGRATED MARKETING COMMUNICATION**  
**Course Code: 17IMG24GM1**

**Course Objective:**

The objective of the course is to help students understand the principles and practices of marketing communications, involving tools used by marketers to inform consumers and to provide a managerial framework for integrated marketing communications planning.

**Unit-I**

Introduction – Concept of marketing communication, marketing communication mix, factor affecting marketing communication mix, drivers of integrated marketing mix; models of marketing communication – Blade Box Model, AIDAS model, Lavidge Steiner model, DAGMAR model, PCB model; marketing communication planning process

**Unit-II**

Managing the Marketing Communication Process – Analysis of promotional opportunities, concepts of segmentation and target marketing, promotional strategy of formulation and competitive positioning, determination of promotional objectives, deciding promotional appropriation, integrating marketing communication programme, commissioning and contracting external resources

**Unit-III**

Advertising and Media Planning – Advertising plan, creative strategy, advertising appeal, creative formats, stages of creative strategy – idea generation, copy writing, layout, copy testing and diagnosis; media planning – traditional and contemporary media; media objectives – reach, frequency, cost etc.; media strategy, media scheduling, media planning models, key issues in advertising – comparative advertising, web advertising; advertising agency – functions and types, outdoor advertising

**Unit-IV**

Wider Issues and Dimensions – Sales promotions, personal selling, direct marketing, public relations, publicity and corporate advertising, unconventional promotional media, marketing communication budgeting, measuring promotional performance, global marketing communication, legal and ethical issues in integrated marketing communication

**Suggested Readings:**

1. Shah, Kruti and Alan D'Souza, Advertising and Promotion – An IMC Perspective, Tata McGraw Hill, New Delhi
2. Belch, George and Belch, Michael; Advertising and Promotion, Tata McGraw Hill, New Delhi
3. Wells, William, Burnett, John and Moriary, Sandra; Advertising Principles and Practice' Pearson Education, New Delhi
4. Jethwaney, Jaishree and Jain, Shruti; Advertising Management; Oxford University, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section 'A'** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section 'B'** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.

L-T-P  
3-1-0

External Marks: 80  
Sessional Marks: 20  
Time Allowed: 3 Hours

**SERVICE MARKETING**  
**Course Code: 17IMG24GM2**

**Unit-I**

Foundation of Service Marketing – Definition and concept of service marketing, distinctive characteristics and classification of services, growth in service, service marketing mix, emergence of service economy

**Unit-II**

Customer Focus – Understanding customer needs and expectations, process of market segmentation, selecting customer portfolio, creating valued relations with customer, customer loyalty, service encounters, measuring customer satisfaction, SERVQUAL and GAP Model, handling complaints, service failure and recovery

**Unit-III**

Designing and Delivery services – Positioning a service in the market, value addition to service product, planning and branding service product, new service development, pricing the service product, advertising, personnel selling and other communication in services industry, challenges in distribution of services, role of employees, customers and intermediaries in service industry

**Unit-IV**

Special Issues in Service Marketing – e-services, online consumer behaviour, self-service technologies, understanding specific service industries – financial, hospitality, health, telecom, retail, public utilities, NGOs, travel and tourism, professional services

**Suggested Readings:**

1. Zeithaml, Valarie A, Bitner, Mary Jo, Service Marketing – Integrating Customer Focus Across the Firm, Tata McGraw Hill, New Delhi
2. Lovelock, Christopher, Wirtz, Jochen and Chatterjee, Jayanta, Service Marketing – People, Technology, Strategy, Pearson Education, New Delhi
3. Verma, Harsh, Services Marketing – Text and Cases, Pearson Education
4. Apte, Govind, Services Marketing – OUP, New Delhi
5. Jauhari, Vinnie and Kirti Dutta, Services: Marketing, Operations and Management, Oxford University Press, New Delhi

**Instructions for External Examiner:** The question paper shall be divided in two sections. **Section ‘A’** shall comprise of eight short answer type questions from whole of the syllabus carrying two marks each, which shall be compulsory. Answer to each question should not exceed 50 words normally. **Section ‘B’** shall comprise 8 questions (2 questions from each unit). The students will be required to attempt four questions selecting one question from each unit. All questions will carry equal marks.