



Janardan Bhagat Shikshan Prasarak Sanstha's CHANGU KANA THAKUR ARTS, COMMERCE & SCIENCE COLLEGE, NEW PANVEL (AUTONOMOUS)

Re-accredited 'A+' Grade by NAAC
'College with Potential for Excellence' Status Awarded by UGC
'Best College Award' by University of Mumbai

Program: M.Com

Revised Syllabus of M.Com ${\sf I}$

Choice Based Credit & Grading System (75:25) w.e.f. Academic Year 2019-20

Sr. No.	Heading	Particulars
1	Title of Course	Commerce
2	Eligibility for Admission	Commerce Graduate of all recognised Universities
3	Ordinances/Regulations (if any)	
5	No. of Semesters	Two
6	Level	P.G.
7	Pattern	Semester (60:40)
8	Status	Revised
9	To be implemented from Academic year	2019-2020

Preamble of the Syllabus:

Master of Commerce (M.Com. Advanced Accountancy) is a post graduation course of department of Commerce, Changu Kana Thakur Arts, Commerce & Science college, New Panvel (autonomous). The Choice Based Credit and Grading System to be implemented through this curriculum would allow students to develop advanced knowledge in different areas of Commerce and enhance decision making abilities which help the learners to become competent and face the competitive environment. This syllabus is prepared to give the sound knowledge and understanding of Commerce to post graduate students at first year of the M.Com. Degree course. The goal of the syllabus is to empower the learners and enable them to develop a strong footing in the fundamentals of commerce, so that they fit into the business environment as intellectually challenging active, responsible citizens always ready for continuous personal and professional growth to fit into the challenging business environment.

Course *Objectives*

SN	Objectives
1	To enable the learners to understand new forms of Strategic Management concepts and their use in business
2	To provide information pertaining to Business, Corporate and Global Reforms
3	To develop learning and analytical skills of the learners to enable them to solve cases and to provide strategic solutions
4	To acquaint the learners with recent developments and trends in the business corporate world

SN	Outcomes
1	Understanding concepts of Strategic Management and their use in business
2	Understanding strategy formulation ,implementation and evaluation
3	Better knowledge about global strategies and emerging strategic trends

Master of Commerce (M.Com) Programme

Under Choice Based Credit, Grading and Semester System

Course Structure

M.Com I

(To be implemented from Academic Year- 2019-2020)

Semester I	Credits	Semester II	Credits
Core Courses (CC)		Core Courses (CC)	
Strategic Management	06	Research Methodology for Business	06
Economics for Business Decisions	06	Macro Economics concepts and Applications	06
Cost and Management Accounting	06	Corporate Finance	06
Business Ethics and Corporate Social Responsibility	06	E-Commerce	06
Total Credits	24	Total Credits	24

Master of Commerce (M.Com) Programme Under Choice Based Credit, Grading and Semester System

Course Structure

M.Com I

(To be implemented from Academic Year- 2019-2020)

Semester I	Credits	Semester II	Credits
Core Courses (CC)		Core Courses (CC)	
Strategic Management	06	Research Methodology for Business	06
Economics for Business Decisions	06	Macro Economics concepts and Applications	06
Cost and Management Accounting	06	Corporate Finance	06
Business Ethics and Corporate Social Responsibility	06	E-Commerce	06
Total Credits	24	Total Credits	24

Master of Commerce (M.Com) Programme Under Choice Based Credit, Grading and Semester System Course Structure

(To be implemented from Academic Year- 2019-2020)

Semester I

No. of Courses	Semester I	Credits
1	Core Courses (CC)	
1	Strategic Management	06
2	Economics for Business Decisions	06
3	Cost and Management Accounting	06
4	Business Ethics and Corporate Social Responsibility	06
	Total Credits	24

Core Courses (CC)

Strategic Management

(Subject Code –PCM1SM1)

SN	Modules	No. of Lectures
1	Introduction to Strategic Management	15
2	Strategy Formulation, Implementation and Evaluation	15
3	Business, Corporate and Global Strategies	15
4	Emerging Strategic Trends	15
	Total	60

SN	Modules/ Units	
1	Introduction to Strategic Management	
	 Concept of Strategic Management, Strategic Management Process, Vision, Mission and Goals, Benefits and Risks of Strategic Management. Levels of Strategies: Corporate, Business and Operational Level Strategy Functional Strategies: Human Resource Strategy, Marketing Strategy, Financial Strategy, Operational Strategy Business Environment: Components of Environment- Micro and Macro and Environmental Scanning 	
2	Strategy Formulation, Implementation and Evaluation	
	 Strategic Formulation: Stages and Importance, Formulation of Alternative Strategies: Mergers, Acquisitions, Takeovers, Joint Ventures, Diversification, Turnaround, Divestment and Liquidation. Strategic Analysis and Choice: Issues and Structures, Corporate Portfolio Analysis-SWOT Analysis, BCG Matrix, GE Nine Cell Matrix, Hofer's Matrix, ETOP- Environmental Threat and Opportunity Profile, Strategic Choice- Factors and Importance. Strategic Implementation: Steps, Importance and Problems, Resource Allocation-Importance & Challenges Strategic Evaluation and Control: Importance, Limitations and Techniques 	
2	Budgetary Control: Advantages, Limitations	
3	 Business, Corporate and Global Strategies Corporate Restructuring Strategies: Concept, Need and Forms, Corporate Renewal Strategies: Concept, Internal and External factors and Causes. Strategic Alliance: Concept, Types, Importance, Problems of Indian Strategic Alliances and International Businesses Public Private Participation: Importance, Problems and Governing Strategies of PPP Model. Information Technology Driven Strategies: Importance, Limitations and contribution of IT sector in Indian Business 	
4	Emerging Strategic Trends	
	 Business Process Outsourcing and Knowledge Process Outsourcing in India: Concept and Strategies. Reasons for growing BPO and KPO businesses in India. Reengineering Business Processes- Business Reengineering, Process Reengineering and Operational Reengineering Disaster Management: Concept, Problems and Consequences of Disasters, Strategies for Managing and Preventing disasters and Cope up Strategies. Start-up Business Strategies and Make in India Model: Process of business start ups and its Challenges, Growth Prospects and government initiatives in Make in India Model with reference to National manufacturing, Contribution of Make in India Policy in overcoming industrial sickness 	

Reference Books

Reference Books

Strategic Management

- Strategic Management, A Dynamic Perspective -Concepts and Cases Mason A. Carpenter, Wm. Gerard Sanders, Prashant Salwan, Published by Dorling Kindersley (India) Pvt Ltd, Licensees of Pearson Education in south Asia
- Strategic Management and Competitive Advantage-Concepts- Jay B. Barney, William S. Hesterly, Published by PHI Learning Private Limited, New Delhi
- Globalization, Liberalization and Strategic Management V. P. Michael
- Business Policy and Strategic Management Sukul Lomash and P.K Mishra, Vikas Publishing House
 Pvt. Ltd, New Delhi
- Strategic Management Fred R. David, Published by Prentice Hall International
- Business Policy and Strategic Management Dr Azhar Kazmi, Published by Tata McGraw Hill Publications
- Business Policy and Strategic Management- Jauch Lawrence R & William Glueck Published by Tata McGraw Hill
- Public Enterprise Management and Privatisation Laxmi Narain Published by S.Chand & Company Ltd, New Delhi
- Business Organisation Rajendra P. Maheshwari, J.P. Mahajan, Published by International Book House Pvt Ltd
- Disasters and Development- Cuny Fred C, Published by Oxford University Press, Oxford
- At Risks Natural Hazards, People's Vulnerability and Disasters- Wisner Ben P. Blaikie, T Cannon and I.davis, Published by Wiltshire Routledge
- Mergers, Acquisitions and Corporate Restructuring Strategies and Practices- Rabi Narayan Kar,
 Published by International Book House Pvt Ltd, Mumbai
- Strategic Management- Awareness and Change, John. L. Thompson, Internal Thomson Business Press
- Gaining and Sustaining Competitive Advantage, Jay B. barney, Eastern economy Edition, PHI Learning Pvt Ltd, New Delhi
- Strategic Management by Prof N.H. Mullick, Enkay Publishing House New Delhi
- Public Sector Perspective, by Dr M. Veerappa Moily
- The Impact of Private sector participation in Infrastructure- Lights, shadows and the Road ahead by Andres, Luis, Guasch, luis, J. Thomas, Haven & Foster, World Bank, Washington

Core Courses (CC)

Business Ethics and Corporate Social Responsibility

(Subject Code –PCM1BE2)

Course Objectives

SN	Objectives
1	To familiarize the learners with the concept and relevance of Business Ethics in the modern era
2	To enable learners to understand the scope and complexity of Corporate Social responsibility in the global and Indian context

SN	Outcomes
1	Understanding concepts of Business ethics and ethical business practices
2	Understanding various areas of Corporate Social Responsibility and CSR Policy

SN	Modules	No. of Lectures
1	Introduction to Business Ethics	15
2	Indian Ethical Practices and Corporate Governance	15
3	Introduction to Corporate Social Responsibility	15
4	Areas of CSR and CSR Policy	15
	Total	60

SN	Modules/ Units	
1	Introduction to Business Ethics	
	 Business Ethics – Concept, Characteristics, Importance and Need for business ethics. Indian Ethos, Ethics and Values, Work Ethos, Sources of Ethics, Concept of Corporate Ethics, code of Ethics-Guidelines for developing code of ethics, Ethics Management Programme, Ethics Committee. Various approaches to Business Ethics - Theories of Ethics- Friedman's Economic theory, Kant's Deontological theory, Mill & Bentham's Utilitarianism theory Gandhian Approach in Management and Trusteeship, Importance and relevance of trusteeship principle in Modern Business, Gandhi's Doctrine of Satya and Ahimsa, Emergence of new values in Indian Industries after economic reforms of 1991 	
2	Indian Ethical Practices and Corporate Governance	
	 Ethics in Marketing and Advertising, Human Resources Management, Finance and Accounting, Production, Information Technology, Copyrights and Patents Corporate Governance: Concept, Importance, Evolution of Corporate Governance, Principles of Corporate Governance, Regulatory Framework of Corporate Governance in India, SEBI Guidelines and clause 49, Audit Committee, Role of Independent Directors, Protection of Stake Holders, Changing roles of corporate Boards. Elements of Good Corporate Governance, Failure of Corporate Governance and its consequences 	
3	Introduction to Corporate Social Responsibility	
	 Corporate Social Responsibility: Concept, Scope & Relevance and Importance of CSR in Contemporary Society. Corporate philanthropy, Models for Implementation of CSR, Drivers of CSR, Prestigious awards for CSR in India. CSR and Indian Corporations- Legal Provisions and Specification on CSR, Future of CSR in India. Role of NGO's and International Agencies in CSR, Integrating CSR into Business 	
4	Areas of CSR and CSR Policy	
	 CSR towards Stakeholders Shareholders, Creditors and Financial Institutions, Government, Consumers, Employees and Workers, Local Community and Society. CSR and environmental concerns. Designing CSR Policy- Factors influencing CSR Policy, Role of HR Professionals in CSR Global Recognitions of CSR- ISO- 14000-SA 8000 – AA 1000 ,ISO 45000, Codes formulated by UN Global Compact – UNDP, Global Reporting Initiative; major codes on CSR. CSR and Sustainable Development 	
	CSR through Triple Bottom Line in Business	

Reference Book

Reference Books

Business Ethics and Corporate Social Responsibility

- Sharma J.P 'Corporate Governance, business ethics and CSR, Ane Books Pvt Ltd, New Delhi
- Sharma J.P. Corporate Governance and Social Responsibility of business, Ane Books Pvt ltd, New Delhi
- S.K.Bhatia, Business Ethics and Corporate Governance
- William Shaw, Business Ethics, Wordsworth Publishing Company, International Thomson Publishing Company.
- Corporate Crimes and Financial Frauds, Dr. Sumit Sharma, New Delhi India
- R.C. Sekhar, Ethical choices in Business, Sage Publications, New Delhi
- Business Ethics, Andrew Crane and Dirk Matten, Oxford University Press.
- Business Ethics, Text and Cases, C.S.V. Murthy, Himalaya Publication House.
- Mallin, Christine A. Corporate Governance (Indian Edition) Oxford University press. New Delhi
- Blow field ,Michael and Alan Murray, Corporate Responsibility, Oxford University Press,
- Philip Kotler and Nancy Lee, CSR: doing the most good for Company and your cause, Wiley 2005
- Beeslory, Michel and Evens, CSR, Taylor and Francis, 1978
- Subhabrata Bobby Banerjee, CSR: the good, the bad and the ugly. Edward Elgar Publishing 2007
- Joseph A. Petrick and John F. Quinn, Management Ethics- Integrity at work, Sage Publication, 1997
- Francesco Perrini, Stefano and AntanioTencati, Developing CSR- A European Perspective , Edward Elgar.
- William B. Werther, Jr. David Chandler, Strategic Corporate Social Responsibility, stakeholders' a global environment, Sage Publication, 2009.
- Ellington. J. (1998), Cannibals with forks: The triple bottom line of 21st Century business, New Society Publishers.
- Crane, A. Et al., (2008), The Oxford handbook of Corporate Social Responsibility, New York: Oxford University Press Inc.

Master of Commerce (M.Com) Programme Under Choice Based Credit, Grading and Semester System Course Structure

(To be implemented from Academic Year- 2019-2020)

Semester II

No. of Courses	Semester II	Credits
1	Core Courses (CC)	
1	Research Methodology for Business	06
2	Macro Economics concepts and Applications	06
3	Corporate Finance	06
4	E-Commerce	06
	Total Credits	24

Core Courses (CC)

Research Methodology for Business (Subject Code – PCM2RM3)

Course Objectives

SN	Objectives	
1	To enhance the abilities of learners to undertake research in business & social sciences	
2	To enable the learners to understand, develop and apply the fundamental skills in formulating research problems	
3	To enable the learners in understanding and developing the most appropriate methodology for their research and research reporting	
4	To make the learners familiar with the basic statistical tools and techniques applicable for research	

SN	Outcomes	
1	Understanding basics of Research Methodology	
2	developing the fundamental skills in formulating research problems	
3	Knowledge of the basic statistical tools and techniques applicable for research	
4	Developing the skill of research reporting	

SN	Modules	No. of Lectures
1	Introduction to Research	15
2	Research Process	15
3	Data Processing and Statistical Analysis	15
4	Research Reporting and Modern Practices in Research	15
	Total	60

SN	Modules/ Units		
1	Introduction to Research		
	 Features and Importance of research in business, Objectives and Types of research-Basic, Applied, Descriptive, Analytical and Empirical Research. Formulation of research problem, Research Design, significance of Review of Literature Hypothesis: Formulation, Sources, Importance and Types Sampling: Significance, Methods, Factors determining sample size 		
2	Research Process		
	 Stages in Research process Data Collection: Primary data: Observation, Experimentation, Interview, Schedules, Survey, Limitations of Primary data Secondary data: Sources and Limitations, Factors affecting the choice of method of data collection. Questionnaire: Types, Steps in Questionnaire Designing, Essentials of a good questionnaire 		
3	Data Processing and Statistical Analysis		
	 Data Processing: Significance in Research, Stages in Data Processing: Editing, Coding, Classification, Tabulation, Graphic Presentation Statistical Analysis: Tools and Techniques, Measures of Central Tendency, Measures of Dispersion, Correlation Analysis and Regression Analysis. Testing of Hypotheses – Parametric Test-t test, f test, z test Non-Parametric Test -Chi square test, ANOVA, Factor Analysis Interpretation of data: significance and Precautions in data interpretation 		
4	Research Reporting and Modern Practices in Research		
	 Research Report Writing: Importance, Essentials, Structure/ layout, Types References and Citation Methods: APA (American Psychological Association) CMS (Chicago Manual Style) MLA (Modern Language Association) Footnotes and Bibliography Modern Practices: Ethical Norms in Research, Plagiarism, Role of Computers in Research 		

Reference Books

Reference Books

Research Methodology for Business

- Research Methodology Text and Cases with SPSS Applications, by Dr S.L. Gupta and Hitesh Gupta, International Book House Pvt Ltd
- Business Research Methodology by T N Srivastava and Shailaja Rego, Tata Mcgraw Hill Education Private Limited, New Delhi
- Methodology of Research in Social Sciences, by O.R. Krishnaswami, Himalaya Publishing House
- Research Methodology by Dr Vijay Upagude and Dr Arvind Shende
- Business Statistics by Dr S. K Khandelwal, International Book House Pvt Ltd
- Quantitative Techniques by Dr S. K Khandelwal, International Book House Pvt Ltd
- SPSS 17.0 for Researchers by Dr S.L Gupta and Hitesh Gupta, 2nd edition, Dr S. K Khandelwal, International Book House Pvt Ltd
- Foundations of Social Research and Econometrics Techniques by S.C. Srivastava, Himalaya publishing House
- Statistical Analysis with Business and Economics Applications, Hold Rinehart & Wrintston, 2nd Edition, New York
- Business Research Methods, Clover, Vernon T and Balsely, Howard L, Colombus O. Grid, Inc
- Business Research Methods, Emary C.Willima, Richard D. Irwin In. Homewood
- Research Methods in Economics and Business by R. Gerber and P.J. Verdoom, The Macmillan Company, New York
- Research and Methodology in Accounting and Financial Management, J.K Courtis
- Statistics for Management and Economics, by Menden Hall and Veracity, Reinmuth J.E.
- Panneerselvam, R., Research Methodology, Prentice Hall of India, New Delhi, 2004.
- Kothari CR, Research Methodology- Methods and Techniques, New Wiley Ltd., 2009

Core Courses (CC)

E-Commerce (Subject Code –PCM2EC4)

Course Objectives

SN	Objectives	
1	To provide an analytical framework to understand the emerging world of e- commerce	
2	To make the learners familiar with current challenges and issues in e- commerce	
3	To develop the understanding of the learners towards various business models	
4	To enable to understand the Web- based Commerce and equip the learners to assess e-commerce requirements of a business	
5	To develop understanding of learners relating to Legal and Regulatory Environment and Security issues of E-commerce	

SN	Outcomes		
1	Understand the emerging world of e-commerce and current challenges and		
	issues in e-commerce		
2	Understanding World wide web and E-enterprise and Electronic payment		
	system		
3	understanding Legal and Regulatory Environment and Security issues of E-		
3	commerce		

SN	Modules	No. of Lectures
1	Introduction to Electronic Commerce –Evolution and Models	15
2	World Wide Web and E-enterprise	15
3	E-marketing and Electronic Payment System	15
4	Legal and Regulatory Environment and Security issues of E-commerce	15
	Total	60

SN	Modules/ Units		
1	Introduction to Electronic Commerce –Evolution and Models		
	 Evolution of E-Commerce-Introduction, History/Evolution of Electronic Commerce, Roadmap of E-Commerce in India, Main activities, Functions and Scope of E-Commerce. Benefits and Challenges of E-Commerce, Reverse logistics, E-Commerce Business Strategies for Marketing, Sales and Promotions. Business Models of E-Commerce- Characteristics of Business to Business(B2B), Business to Consumers (B2C), Business to Government (B2G) Concepts of other models of E-commerce. Business to Consumer E-Commerce process, Business to Business E-Commerce-Need and Importance, alternative models of B2B E-Commerce. E-Commerce Sales Product Life Cycle (ESLC) Model 		
2	World Wide Web and E-enterprise		
	 World Wide Web-Reasons for building own website, Benefits of Website, Registering a Domain Name, Role of web site in B2C E-commerce; push and pull approaches; Web site design principles. EDI and paperless trading; Pros & Cons of EDI; Related new technologies use in E-commerce. Applications of E-commerce and E-enterprise - Applications to Customer Relationship Management- Types of E-CRM, Functional Components of E-CRM. Managing the E-enterprise- Introduction, Managing the E-enterprise, Comparison between Conventional and E-organisation, Organisation of Business in an E-enterprise, Benefits and Limitations of E- enterprise 		
3	E-marketing and Electronic Payment System		
	 E-Marketing- Scope and Techniques of E-Marketing, Traditional web promotion; Web counters; Web advertisements, Role of Social media. E-Commerce Customer Strategies for Purchasing and support activities, Planning for Electronic Commerce and its initiatives, Justify an Internet business. Electronic Payment System-Characteristics of E-payment system, SET Protocol for credit card payment, prepaid e-payment service, post-paid E-payment system, Types of payment systems. Operational, credit and legal risks of E-payment system, Risk management options for E-payment systems, Set standards / principles for E-payment 		

SN	Modules/ Units		
4	Legal and Regulatory Environment and Security issues of E-commerce		
	• Introduction to Cyber Laws-World Scenario, Cyber-crime& Laws in India and their		
	limitations, Hacking, Web Vandals, E-mail Abuse, Software Piracy and Patents.		
	• Taxation Issues, Protection of Cyber Consumers in India and CPA 1986, Importance		
	of Electronic Records as Evidence.		
	Security Issues in E-Commerce- Risk management approach to Ecommerce Security		
	- Types and sources of threats, Protecting electronic commerce assets and		
	intellectual property.		
	• Security Tools, Client server network security, Electronic signature, Encryption and		
	concepts of public and private key infrastructure		

Reference Books

E-Commerce

- Laudon, Kenneth C. and Carol Guercio Traver (2002) E-commerce: business, technology, society. (New Delhi: Pearson Educatin).
- Awad, Elias M. (2007), Electronic Commerce: From Vision to Fulfillment (NewDelhi : Pearson Education).
- Kalakota, Ravi and Marcia Robinson (2001). Business 2.0: Roadmap for Success (newDelhi : Pearson Education).
- Smith, P.R. and Dave Chaffey (2005), eMarketing eXcellence; The Heart of eBusiness (UK: Elsevier Ltd.)
- Vivek Sood Cyber Laws Simplified-TMH (2001)
- Vakul Sharma Handbook of cyber Laws-Macmillan (2002)
- Sundeep Oberol e Security and you-TMH (2001)
- Greenstein & Feinman Electronic Commerce-Security, Risk Mgt and Control-TMH (2000)
- Adam Nabll R. (Editor) Electronic Commerce: Technical Business and Legal Issues.
- Diwan, Prag and Sharma Electronic Commerce-a Manager's Guide to EBusiness
- Bharat Bhasker, Electronic Commerce Frame work technologies and Applications, 3rd Edition- Tata McGrawHill Publications, 2008.
- Kamlesh K.Bajaj and Debjani Nag, Ecommerce- the cutting edge of Business, Tata McGrawHill Publications, 2008
- Kalakota et al, Frontiers of Electronic Commerce, Addison Wesley, 2004
- E- Commerce Strategies, Technology and applications (David) Tata McGrawHill
- Introduction to E-commerce (jeffrey) Tata- Mcgrawhill
- E-Business and Commerce- Strategic Thinking and Practice (Brahm) biztantra
- Web Technology: Ramesh Bangia
- HTML The complete Reference :
- Gary Schneider, Electronic Commerce, Thomson Publishing.
- Pandey, Srivastava and Shukla, E-Commerce and its Application, S. Chand
- P.T. Joseph, Electronic Commerce An Indian Perspective, P.H.I
- Turban, King, Viehland& Lee, Electronic Commerce- A Managerial Perspective, Pearson.
- IJECS International journal of Electronic Ecommerce StudiesISSN 2073-9729http://ijecs.academic-publication.org/
- Electronic Commerce Research and Applications ISSN: 1567-4223Editor-in-Chief: Robert Kauffman(http://www.journals.elsevier.com/electronic-commerce-research-and-applications)
- Journal of Electronic Commerce Research (JECR) ISSN: 1526-6133 (Online) 1938-9027 (Print) (http://web.csulb.edu/journals/jecr/a_j.htm)

Scheme of Examination Faculty of Commerce (Post-graduate Programmes)

Scheme of Examination

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment with 40% marks in the first part and by conducting the Semester End Examinations with 60% marks in the second part. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below-

A) Internal Assessment: 40 %

40 Marks

Sr. No.	Particular		Marks
01	One periodical class test / online examination to be		20.14
01	conducted in the given semester		20 Marks
	One case study/ project with presentation based or to be assessed by the teacher concerned	curriculum	15 Marks
02	Presentation	10 Marks	
	Written Document	05 Marks	
03	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities		05 Marks

Question Paper Pattern

(Periodical Class Test for the Courses at Under Graduate Programmes)

Maximum Marks: 20 Duration: 40 Minutes

Questions to be set: 02

All Questions are Compulsory

Question No.	Particular	Marks
Q-1	Match the Column / Fill in the Blanks / Multiple Choice Questions/ Answer in One or Two Lines (Concept based Questions) (1 Marks / 2 Marks each)	10 Marks
Q-2	Answer in Brief (Attempt any Two of the Three) (5 Marks each)	10 Marks

B) Semester End Examination: 60 %

60 Marks

Duration: The examination shall be of 2 hours duration.

Question Paper Pattern

Theory question paper pattern

- 1. There shall be four questions each of 15 marks.
- 2. All questions shall be compulsory with internal options.
- 3. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

Passing Standard

The learners shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 24 Out of 60) separately, to pass the course and minimum of grade D in each project wherever applicable to pass a particular semester.