No. UG/ | 0 G of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Com. (Accounting & Finance) degree programme <u>vide</u> this office Circular No. UG/28 of 2015 dated 22nd July, 2015 the Principals of affiliated Colleges in Commerce and the Professor-cum- Director, Institute of Distance and Open Learning (IDOL) are hereby informed that the approved by the Academic Council at its meeting held on 24th June, 2016 <u>vide</u> item No. 4.77 and that in accordance therewith, the revised syllabus as per Choice Based Credit System for B.Com (Accounting & Finance)for (Sem. I to VI)-Course Structure (Sem. I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI – 400 032 October, 2016 (Dr.M.A. Khan) REGISTRAR

To,

The Principals of affiliated Colleges in Commerce and the Professor-cum-Director, Institute of Distance and Open Learning (IDOL).

A.C/4.77 /24/06/2016

No. UG/106-A of 2016-17

MUMBAI-400 032

2 October, 2016

Copy forwarded with compliments for information to:-

- 1) The Dean, Faculty of Commerce,
- 2) The Director, Board of College and University Development,
- 3) The Controller of Examinations,
- 4) The Co-Ordinator, University Computerization Centre.

(Dr.M.A. Khan) REGISTRAR

PTO..

AC 24-06-2016 Item No. 4.77

University of Mumbai



B.Com. (Accounting & Finance) Programme Three Year Integrated ProgrammeSix Semesters Course Structure

Under Choice Based Credit System

To be implemented from Academic Year- 2016-2017 Progressively

Board of Studies-in-Accountancy

B.Com. (Accounting & Finance) Programme

Under Choice Based Credit, Grading and Semester System Course Structure

F.Y.B.Com. (Accounting & Finance)

(To be implemented from Academic Year- 2016-2017)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1	Financial Accounting (Elements of Financial Accounting) - I	03	1	Financial Accounting (Special Accounting Areas) - II	03
2	Cost Accounting (Introduction and Element of cost) - I	03	2	Auditing (Introduction and Planning) - I	03
3	Financial Management (Introduction to Financial Management) - I	03	3	Taxation - I (Indirect Taxes I)	03
2 Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)		
2A	Ability Enhancement Compulso Course (AECC)	ory	2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication - I	03	4	Business Communication - II	03
2B	*Skill Enhancement Courses (SE	C)	2B	**Skill Enhancement Courses (SEC)
5	Any one course from the following list of the courses	02	5	Any one course from the following list of the courses	02
3	Core Courses (CC)		3	Core Courses (CC)	
6	Commerce (Business Environment) - I	03	6	Business Law (Business Regulatory Framework) - I	03
7	Business Economics - I	03	7	Business Mathematics	03
	Total Credits	20		Total Credits	20

· · ·		**List of Skill Enhancement Courses (SEC) for Semester II (Any One)		
1	Foundation Course - I	1	Foundation Course - II	
2	Foundation Course in NSS - I	2	Foundation Course in NSS - II	
3	Foundation Course in NCC - I	3	Foundation Course in NCC - II	
4	Foundation Course in Physical Education - I	4	Foundation Course in Physical Education - II	
Note	Note: Course selected in Semester I will continue in Semester II			

S.Y.B.Com. (Accounting & Finance)

(To be implemented from Academic Year- 2017-2018)

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
1	1 Elective Courses (EC)		1	Elective Courses (EC)	
1,2 & 3	*Any three courses from the	09	1,2 & 3	**Any three courses from the	09
	following list of the courses			following list of the courses	
2	Ability Enhancement Courses (A	AEC)	2	Ability Enhancement Courses (AEC)
2	- Skill Enhancement Course (SE	C)	2	- Skill Enhancement Course (SE	(C)
4	Information Technology in	02	4	Information Technology in	02
	Accountancy - I			Accountancy - II	
3	Core Courses (CC)		3	Core Courses (CC)	
5	Commerce (Financial Market	03	5	Management (Introduction to	03
	Operations) - II			Management) - I	
6	Business Law (Business	03	6	Business Law (Company Law)	03
	Regulatory Framework) - II			-	
7	Business Economics - II	03	7	Research Methodology in	03
				Accounting and Finance	
Total Credits		20		Total Credits	20

*List of Elective Courses (EC) for Semester III (Any Three)		**List of Elective Courses (EC) for Semester IV (Any Three)	
1	Financial Accounting (Special Accounting Areas) - III	1	Financial Accounting (Special Accounting Areas) - IV
2	Cost Accounting (Methods of Costing) - II	2	Wealth Management
3	Auditing (Techniques of Auditing and Audit Procedures) - II	3	Auditing - III
4	Taxation - II (Indirect Taxes Paper- II)	4	Taxation - III (Indirect Taxes- III)
5	Operation Research	5	Management Accounting (Introduction to Management Accounting) - I
Note	Note: Course selected in Semester III will continue in Semester IV		

T.Y.B.Com. (Accounting & Finance)

(To be implemented from Academic Year- 2018-2019)

No. of Courses	Semester V	Credits	No. of Courses	Semester VI	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1,2,3 & 4	*Any four courses from the following list of the courses	12	1,2,3 & 4	**Any four courses from the following list of the courses	12
2	Core Courses (CC)		2	Core Courses (CC)	
5	Management (Management Applications) - II	04	5	Economics (Indian Economy) - III	04
3	3 ✓ Project Work		3	✓ Project Work	
6	Project Work I	04	6	Project Work II	04
	Total Credits	20		Total Credits	20

✓ **Note:** Project work is considered as a special course involving application of knowledge in solving/analyzing/exploring a real life situation/ difficult problem. Project work would be of 03 credits. A project work may be undertaken in any area of Elective Courses/ study area

*List of Elective Courses for Semester V (Any Four)		**List of Elective Courses for Semester VI (Any Four)		
1	Financial Accounting - V	1	Financial Accounting - VI	
2	Cost Accounting - IV	2	Cost Accounting - V	
3	Financial Management - II	3	Financial Management - III	
4	Taxation - IV (Direct Taxes- I)	4	Taxation - V (Direct Taxes- II)	
5	International Finance - I	5	Financial Accounting - VII	
6	Financial Analysis and Business Valuation	6	Security Analysis and Portfolio	
			Management	
Note	Note: Course selected in Semester V will continue in Semester VI			

University of Mumbai



Revised Syllabus
and
Question Paper Pattern
of Courses of
B.Com. (Accounting & Finance)
Programme
First Year
Semester I and II

Under Choice Based Credit, Grading and Semester System

With effect from Academic Year- 2016-2017

Board of Studies-in-Accountancy

B.Com. (Accounting & Finance) Programme

Under Choice Based Credit, Grading and Semester System Course Structure

F.Y.B.Com.(Accounting & Finance)

(To be implemented from Academic Year- 2016-2017)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
1	1 Elective Courses (EC)		1	Elective Courses (EC)	
1	Financial Accounting(Elements of	03	1	Financial Accounting(Special Accounting Areas) - II	03
	Financial Accounting) - I				
2	Cost Accounting (Introduction and Element of cost) - I	03	2	Auditing (Introduction and Planning) - I	03
3	Financial Management (Introduction to Financial Management) - I	03	3	Taxation - I (Indirect Taxes I)	03
2	Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulso Course (AECC)	ory	2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication - I	03	4	Business Communication - II	03
2B	*Skill Enhancement Courses (SE	<i>C</i>)	2B	**Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02	5	Any one course from the following list of the courses	02
3	Core Courses (CC)		3	Core Courses (CC)	
6	Commerce (Business Environment) - I	03	6	Business Law (Business Regulatory Framework) - I	03
7	Business Economics - I	03	7	Business Mathematics	03
Total Credits		20		Total Credits	20

*List of Skill Enhancement Courses (SEC) for Semester I (Any One)		**List of Skill Enhancement Courses (SEC) for Semester II (Any One)	
1	Foundation Course- I	1	Foundation Course - II
2	Foundation Course in NSS - I	2	Foundation Course in NSS - II
3	Foundation Course in NCC - I	3	Foundation Course in NCC - II
4	Foundation Course in Physical Education - I	4	Foundation Course in Physical Education - II
Note	Note: Course selected in Semester I will continue in Semester II		

B.Com. (Accounting & Finance) Programme Under Choice Based Credit, Grading and Semester System Course Structure

(To be implemented from Academic Year- 2016-2017)

Semester I

No. of Courses	Semester I	
1	Elective Courses (EC)	
1	Financial Accounting(Elements of Financial Accounting) - I	03
2	Cost Accounting (Introduction and Element of cost) - I	03
3	Financial Management (Introduction to Financial Management) - I	03
2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication - I	03
2B	*Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02
3	Core Courses (CC)	
6	Commerce (Business Environment) - I	03
7	Business Economics - I	03
	Total Credits	20

	*List of Skill Enhancement Courses (SEC) for Semester I (Any One)				
1	Foundation Course - I				
2	Foundation Course in NSS - I				
3	Foundation Course in NCC - I				
4	Foundation Course in Physical Education - I				

Elective Courses (EC)

1.Financial Accounting - Elements of Financial Accounting-I

Sr. No.	Modules	No. of Lectures
1	Accounting Standards Issued by ICAI and Inventory Valuation	15
2	Final Accounts	15
3	Departmental Accounts	15
4	Accounting for Hire Purchase	15
	Total	60

Sr. No.	Modules / Units
1	Accounting Standards Issued by ICAI and Inventory Valuation
	 Accounting Standards: Concepts, Benefits, Procedures for Issue of Accounting Standards Various AS: AS – 1: Disclosure of Accounting Policies (a) Purpose (b) Areas of Policies (c) Disclosure of Policies (d)Disclosure ofChange in Policies(e) Illustrations AS – 2: Valuation of Inventories (Stock) (a) Meaning, Definition (b) Applicability (c) Measurement of Inventory (d) Disclosure inFinal Account(e) Explanation with Illustrations AS – 9: Revenue Recognition (a) Meaning and Scope (b) Transactions Excluded (c) Sale of Goods (d) Rendering of Services (e) Effects ofUncertainties (f) Disclosure (g) Illustrations Inventory Valuation Meaning of Inventories
	Cost for Inventory Valuation Inventory Systems: Periodic Inventory System and Perpetual Inventory System Valuation: Meaning and Importance Methods of Stock Valuation as per AS – 2: FIFO and Weighted Average Method Computation of Valuation of Inventory as on Balance Sheet Date: If Inventory is taken on a Date After the Balance Sheet or Before the Balance Sheet
2	Final Accounts
	 Expenditure a) Capital (b) Revenue Receipts a) Capital (b) Revenue Adjustments and Closing Entries Final Accounts of Manufacturing Concerns (Proprietary Firm)
3	Departmental Accounts
	Meaning Basis of Allocation of Expenses and Incomes / Receipts Inter Departmental Transfer: At Cost Price and Invoice Price Stock Reserve Departmental Trading and Profit and Loss Account and Balance Sheet
4	Accounting for Hire Purchase
	Meaning Calculation of Interest Accounting for Hire Purchase Transactions by Asset Purchase Method Based on Full Cash Price Journal Entries, Ledger Accounts and Disclosure in Balance Sheet for Hirer and Vendor (Excluding Default, Repossession and Calculation of Cash Price)

Elective Courses (EC)

2.Cost Accounting - Introduction and Elementsof Cost-I

Sr. No.	Modules	No. of Lectures
1	Introduction to Cost Accounting	15
2	Material Cost	15
3	Labour Cost	15
4	Overheads	15
	Total	60

Sr. No.	Modules / Units
1	Introduction to Cost Accounting
	Evolution Objectives and Scope of Cost Accounting Importance and Advantages of Cost Accounting Difference between Cost Accounting and Financial Accounting Limitations of Financial Accounting Definitions: Cost, Costing and Cost Accounting Classification of Cost on Different Bases Cost Allocation and Apportionment Coding System
2	Essentials of Good Costing System Material Cost
	Material Cost: The Concept Material Control Procedure Documentation Stock Ledger, Bin Card Stock Levels Economic Order Quantity (EOQ)
3	Labour Cost
	Labour Cost: The Concept Composition of Labour Cost Labour Cost Records Overtime / Idle Time / Incentive Schemes
4	Overheads
	Overheads: The Concept Classification of overheads on different bases Apportionment and Absorption of Overheads

Elective Courses (EC)

3. Financial Management - Introduction to Financial Management - I

Sr. No.	Modules	No. of Lectures
1	Introduction to Financial Management	12
2	Concepts in Valuation	12
3	Leverage	12
4	Types of Financing	12
5	Cost of Capital	12
	Total	60

Sr. No.	Modules / Units
1	Introduction to Financial Management
	Introduction Meaning Importance Scope and Objectives Profit vs Value Maximization
2	Concepts in Valuation
	The Time Value of Money Present Value Internal Rate of Return Bonds Returns The Returns from Stocks Annuity Techniques of Discounting Techniques of Compounding
3	Leverage
	Introduction EBIT & EPS Analysis Types of Leverages: Operating Leverage, Financial Leverage & Composite Leverage Relationship between Operating Leverage and Financial Leverage (Including Practical Problems)
4	Types of Financing
	Introduction Needs of Finance and Sources: Long Term, Medium Term, Short Term Long Term Sources of Finance Short Term Sources of Finance
5	Cost of Capital
	Introduction Definition and Importance of Cost of Capital Measurement of Cost of Capital WACC (Including Practical Problems)

Ability Enhancement Courses (AEC)

4. Business Communication- I

Sr. No.	Modules	No. of Lectures
1	Theory of Communication	15
2	Obstacles to Communication in Business World	15
3	Business Correspondence	15
4	Language and Writing Skills	15
	Total	60

Sr. No.	Modules / Units	
1	Theory of Communication	
	Concept of Communication: Meaning, Definition, Process, Need, FeedbackEmergence of Communication as a key concept in the Corporate and Global worldImpact of technological advancements on Communication Channels and Objectives of Communication: Channels-Formal and Informal- Vertical, Horizontal, Diagonal, Grapevine Objectives of Communication: Information, Advice, Order and Instruction, Persuasion, Motivation, Education, Warning, and Boosting the Morale of Employees(A brief introduction to these objectives to be given) Methods and Modes of Communication: Methods: Verbal and Nonverbal, Characteristics of Verbal Communication Characteristics of Non-verbal Communication, Business Etiquette Modes: Telephone and SMS Communication 3 (General introduction to Telegram to be given) Facsimile Communication [Fax]	
2	Computers and E- communication Video and Satellite Conferencing Obstacles to Communication in Business World	
	Problems in Communication /Barriers to Communication: Physical/ Semantic/Language / Socio-Cultural / Psychological / Barriers, Ways to Overcome these Barriers Listening: Importance of Listening Skills, Cultivating good Listening Skills – 4 Introduction to Business Ethics: Concept and Interpretation, Importance of Business Ethics, Personal Integrity at the workplace, Business Ethics and media, Computer Ethics, Corporate Social Responsibility Teachers can adopt a case study approach and address issues such as the following so as to orient and sensitize the student community to actual business practices: Surrogate Advertising, Patents and Intellectual Property Rights, Dumping of Medical/E-waste, Human Rights Violations and Discrimination on the basis of gender, race, caste, religion, appearance and sexual orientation at the workplace Piracy, Insurance, Child Labour	
3	Business Correspondence	
	Theory of Business Letter Writing: Parts, Structure, Layouts—Full Block, Modified Block, Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing, Personnel Correspondence: Statement of Purpose, Job Application Letter and Resume, Letter of Acceptance of Job Offer, Letter of Resignation [Letter of Appointment, Promotion and Termination, Letter of Recommendation (to be taught but not to be tested in the examination)]	

Sr. No.	Modules / Units		
4	Language and Writing Skills		
	Commercial Terms used in Business Communication		
	Paragraph Writing:		
	Developing an idea, using appropriate linking devices, etc		
	Cohesion and Coherence, self-editing, etc [Interpretation of technical data,		
	Composition on a given situation, a short informal report etc.]		
	Activities		
	 Listening Comprehension 		
	Remedial Teaching		
	Speaking Skills: Presenting a News Item, Dialogue and Speeches		
	 Paragraph Writing: Preparation of the first draft, Revision and Self – Editing, 		
	Rules of spelling.		
	 Reading Comprehension: Analysis of texts from the fields of Commerce and 		
	Management		

Skill Enhancement Courses (SEC)

5. Foundation Course -I

Sr. No.	Modules	No. of Lectures
1	Overview of Indian Society	05
2	Concept of Disparity- 1	10
3	Concept of Disparity-2	10
4	The Indian Constitution	10
5	Significant Aspects of Political Processes	10
	Total	45

Sr. No.	Modules / Units	
1	Overview of Indian Society	
	Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation; Understand regional variations according to rural, urban and tribal characteristics; Understanding the concept of diversity as difference	
2	Concept of Disparity- 1	
	Understand the concept of disparity as arising out of stratification and inequality; Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women ir media; Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities	
3	Concept of Disparity-2	
	Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof; Understand inter-group conflicts arising out of communalism; Examine the causes and effects of conflicts arising out of regionalism and linguistic differences	
4	The Indian Constitution	
	Philosophy of the Constitution as set out in the Preamble; The structure of the Constitution-the Preamble, Main Body and Schedules; Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society; Basic features of the Constitution	
5	Significant Aspects of Political Processes	
	The party system in Indian politics; Local self-government in urban and rural areas; the 73rd and 74th Amendments and their implications for inclusive politics; Role and significance of women in politics	

Skill Enhancement Courses (SEC)

5. Foundation Course in NSS - I

Sr. No.	Modules	No. of Lectures
1	Introduction to NSS	10
2	Concept of Society and Social Issues in India	15
3	Indian Constitution and Social Justice	10
4	Human Personality and National Integration	10
	Total	45

Sr. No.	Modules / Units	
1	Introduction to NSS	
	Introduction to National Service Scheme(NSS)	
	Orientation and structure of National Service Scheme(NSS)	
	National Service Scheme(NSS)- its objectives The historical perspective of National Service Scheme(NSS) National Service Scheme(NSS)- Symbol and its meaning National Service Scheme(NSS)- its hierarchy from national to college level	
	National Service Scheme(NSS) Regular activities	
	Distribution of working hours- Association between issues and programs-	
	community project- urban rural activities, Association- modes of activity	
	evaluation	
2	Concept of Society and Social Issues in India	
	History and philosophy of social sciences in India	
	Concept of society- Development of Indian society - Features of Indian Society-	
	Division of labour and cast system in India	
	Basic social issues in India	
	Degeneration of value system, Family system, Gender issues, Regional imbalance	
3	Indian Constitution and Social Justice	
	Indian Constitution	
	Features of Indian Constitution - Provisions related to social integrity and	
	development	
	Social Justice	
	Social Justice- the concept and its features	
	Inclusive growth- the concept and its features	
4	Human Personality and National Integration	
	Dimensions of human personality	
	Social Dimension of Human personality- Understanding of the socity	
	Physical Dimension of Human personality- Physical Exercise, Yoga, etc.	
	National integration & Communal Harmony	
	National Integration- its meaning, importance and practice	
	Communal Harmony- its meaning, importance and practice	

Skill Enhancement Courses (SEC)

5. Foundation Course in NCC - I

Sr. No.	Modules	No. of Lectures
1	Introduction to NCC, National Integration & Awareness	10
2	Drill: Foot Drill	10
3	Adventure Training, Environment Awareness and Conservation	10
4	Personality Development and Leadership	10
5	Specialized Subject: Army/ Navy/ Air	05
	Total	45

Modules / Units		
Introduction to NCC, National Integration & Awareness		
Desired outcome: The students will display sense of patriotism, secular values and shall be transformed into motivated youth who will contribute towards nation building through national unity and social cohesion. • Genesis, Aims, Objectives of NCC & NCC Song • Organisation& Training • Incentives & Benefits • Religions, Culture, Traditions and Customs of India • National Integration: Importance and Necessity • Freedom Struggle		
Drill: Foot Drill		
 Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, turnout, develop the quality of immediate and implicit obedience of orders, with good reflexes. General and Words of Command Attention, Stand at Ease and Stand Easy, Turning and Inclining at the Halt Sizing, Forming Up in Three Ranks and Numbering, Open and Close Order March and Dressing Saluting at the Halt, Getting On Parade, Dismissing and Falling Out Marching, Length of Pace and Time of Marching in Quick Time and Halt, Slow March and Halt Turning on the March and Wheeling. Saluting on the March. Formation of squad and Squad Drill. 		
Adventure Training, Environment Awareness and Conservation		
 Adventure Training Desired outcome: The students will overcome fear & inculcate within them the sense of adventure , sportsmanship , espirit-d-corp and develop confidence , courage , determination, diligence and quest for excellence. Any Two such as – Obstacle course, Slithering, Trekking, Cycling, Rock Climbing, Para Sailing, Sailing, Scuba Diving etc Environment Awareness and Conservation Desired outcome: The student will be aware of the conservation of natural resources and protection of environment. Natural Resources – Conservation and Management Water Conservation and Rainwater Harvesting 		

Sr. No.	Modules / Units		
4	Personality Development and Leadership		
	 Desired outcome: The student will develop an all-round personality with adequate leadership traits to deal / contribute effectively in life. Introduction to Personality Development Factors Influencing /Shaping Personality: Physical, Social, Physiological, Philosophical and Psychological Self Awareness Know yourself/ Insight Change Your Mind Set Communication Skills: Group Discussion / Lecturettes (Public Speaking) Leadership Traits Types of Leadership 		
5	Specialized Subject: Army Or Navy Or Air		
	Army Desired outcome: The training shall instill patriotism, commitment and passion to serve the nation motivating the youth to join the defence forces. It will also acquaint, expose & provide basic knowledge about armed, naval and air-force subjects A. Armed Force Basic organisation of Armed Forces Organisation of Army Badges and Ranks Introduction to Infantry and weapons and equipments Characteristics of 7.62mm SLR Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning C. Military history Biographies of renowned Generals (Carriapa / Sam Manekshaw) Indian Army War Heroes- PVCs Communication Types of Communications Characteristics of Wireless Technologies (Mobile, Wi-Fi etc.)		
	OR		
	Navy		
	 A. Naval orientation and service subjects History of the Indian Navy-Pre and Post Independence, Gallantry award winners Organization of Navy- NHQ, Commands, Fleets, Ships and shore establishments Types of Warships and their role Organization of Army and Air Force- Operational and Training commands Ranks of Officers and Sailors, Equivalent Ranks in the Three Services 		
	 B. Ship and Boat Modelling Principles of Ship Modelling Maintenance and Care of tools 		

Sr. No.	Modules / Units
	C. Search and Rescue
	SAR Organization in the Indian ocean
	D. Swimming
	Floating for three minutes and Free style swimming for 50 meters
	OR
	<u>AIR</u>
	A. General Service Knowledge
	Development of Aviation
	History of IAF
	B. Principles of Flight
	Introduction
	Laws of Motion
	Glossary of Terms.
	C. Airmanship
	Introduction
	Airfield Layout
	Rules of the Air
	Circuit Procedure
	ATC/RT Procedures
	Aviation Medicine
	D. Aero- Engines
	Introduction to Aero-engines

Skill Enhancement Courses (SEC)

5. Foundation Course in Physical Education - I

Sr. No.	Modules	No. of Lectures
1	Introduction to Basic Relevant concepts in Physical Education	10
2	Components of Physical Fitness	15
3	Testing Physical Fitness	10
4	Effect of Exercise on various Body System	10
	Total	45

Sr. No.	Modules / Units	
1	Introduction to Basic Relevant concepts in Physical Education	
	Dimensions and determinants of Health, Fitness & Wellness	
	Concept of Physical Education and its importance	
	Concept of Physical Fitness and its types	
	Concept of Physical Activity, exercise and its types & benefits	
2	Components of Physical Fitness	
	Concept of components of Physical Fitness	
	Concept and components of HRPF	
	Concept and components of SRPF	
	 Importance of Physical Education in developing physical fitness components. 	
3	Testing Physical Fitness	
	Tests for measuring Cardiovascular Endurance	
	Tests for measuring Muscular Strength& Endurance	
	Tests for measuring Flexibility	
	Tests for measuring Body Composition	
4	Effect of Exercise on various Body System	
	Effect of exercises on Musculoskeletal system	
	Effect of exercises on Circulatory System	
	Effect of exercises on Respiratory System	
	Effect of exercises on Glandular System	

Core Courses (CC)

6.Commerce-Business Environment - I

Sr. No.	Modules	No. of Lectures
1	Business and its Environment	15
2	Business and Society	15
3	Contemporary Issues	15
4	International Environment	15
	Total	60

Sr. No.	Modules / Units			
1	Business and its Environment			
	a) Business Objectives, Dynamics of Business and its Environment, Types of			
	Business Environment			
	b) Environmental Analysis: Importance, Factors, PESTEL Analysis, SWOT Analysis			
2	Business and Society			
	a) Business Ethics: Nature and Scope of Ethics, Ethical Dilemmas, Corporate Culture and Ethical Climate			
	b) Development of Business Entrepreneurship: Entrepreneurship and Economic Development, Micro, Small and Medium Enterprises Development (MSMED)			
	Act, 2006, Entrepreneurship as a Career Option			
	c) Consumerism and Consumer Protection: Consumerism in India, Consumer Protection Act 1986			
3	Contemporary Issues			
	a) Corporate Social Responsibility and Corporate Governance: Social Responsibility of Business, Ecology and Business, Carbon Credit			
	b) Social Audit: Evolution of Social Audit, Benefits of Social Audit, Social Audit v/s Commercial Audit			
4	International Environment			
	a) Strategies for going Global: MNCs and TNCs, WTO			
	b) Foreign Trade in India- Balance of Trade, FDI Investment Flows and its			
	Implication for Indian Industries			

Core Courses (CC)

7.Business Economics - I

Sr.	Modules	No. of
No.		Lectures
1	Introduction	10
2	Demand Analysis	10
3	Supply and Production Decisions and Cost of Production	15
4	Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition	15
5	Pricing Practices	10
	Total	60

Sr. No.	Modules / Units
1	Introduction
	Scope and Importance of Business Economics - basic tools- Opportunity Cost principle- Incremental and Marginal Concepts. Basic economic relations - functional relations: equations- Total, Average and Marginal relations- use of Marginal analysis in decision making, The basics of market demand, market supply and equilibrium price- shifts in the demand and supply curves and equilibrium
2	Demand Analysis
	Demand Function - nature of demand curve under different markets Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional)- relationship between elasticity of demand and revenue concepts Demand estimation and forecasting: Meaning and significance - methods of demand estimation: survey and statistical methods (numerical illustrations on trend analysis and simple linear regression)
3	Supply and Production Decisions and Cost of Production
4	Production function: short run analysis with Law of Variable Proportions-Production function with two variable inputs- isoquants, ridge lines and least cost combination of inputs- Long run production function and Laws of Returns to Scale - expansion path - Economies and diseconomies of Scale. Cost concepts: Accounting cost and economic cost, implicit and explicit cost, fixed and variable cost - total, average and marginal cost - Cost Output Relationship in the Short Run and Long Run (hypothetical numerical problems to be discussed), LAC and Learning curve - Break even analysis (with business applications) Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition Short run and long run equilibrium of a competitive firm and of industry - monopoly - short run and long- run equilibrium of a firm under Monopoly Monopolistic competition: Equilibrium of a firm under monopolistic competition, debate over role of advertising (topics to be taught using case studies from real life examples) Oligopolistic markets: key attributes of oligopoly - Collusive and non collusive oligopoly market - Price rigidity - Cartels and price leadership models (with practical examples)
5	Pricing Practices
	Cost oriented pricing methods: cost – plus (full cost) pricing, marginal cost pricing, Mark up pricing, discriminating pricing, multiple – product pricing - transfer pricing (case studies on how pricing methods are used in business world)

B.Com. (Accounting & Finance) Programme Under Choice Based Credit, Grading and Semester System Course Structure

(To be implemented from Academic Year- 2016-2017)

Semester II

No. of Courses	Semester II	Credits
1	Elective Courses (EC)	
1	Financial Accounting(Special Accounting Areas) - II	03
2	Auditing (Introduction and Planning) - I	03
3	Taxation - I (Indirect Taxes I)	03
2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication - II	03
2B	**Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02
3	Core Courses (CC)	
6	Business Law (Business Regulatory Framework) - I	03
7	Business Mathematics	03
	Total Credits	20

**List of Skill Enhancement Courses (SEC) for Semester II (Any One)		
1	Foundation Course - II	
2	Foundation Course in NSS - II	
3	Foundation Course in NCC - II	
4	Foundation Course in Physical Education - II	

Elective Courses (EC)

1. Financial Accounting - Special Accounting Areas - II

Sr. No.	Modules	No. of Lectures
1	Accounting from Incomplete Records	15
2	Consignment Accounts	15
3	Branch Accounts	15
4	Fire Insurance Claims	15
	Total	60

Sr. No.	Modules / Units
1	Accounting from Incomplete Records
	Introduction Problems on Preparation of Final Accounts of Proprietary Trading Concern (Conversion Method)
2	Consignment Accounts
	Accounting for Consignment Transactions Valuation of Stock Invoicing of Goods at Higher Price (Excluding Overriding Commission, Normal/Abnormal Losses)
3	Branch Accounts
	Meaning / Classification of Branches Accounting for Dependent Branch Not Maintaining Full Books Debtors Method Stock and Debtors Method
4	Fire Insurance Claims
	Computation of Loss of Stock by Fire Ascertainment of Claim as per the Insurance Policy Exclude: Loss of Profit and Consequential Loss

Elective Courses (EC)

2. Auditing - Introduction and Planning - I

Sr. No.	Modules	No. of Lectures
1	Introduction to Auditing	15
2	Audit Planning, Procedures and Documentation	15
3	Auditing Techniques	15
4	Internal Audit	15
	Total	60

Sr. No.	Modules / Units		
1	Introduction to Auditing		
	 Basics Financial Statements, Users of Financial Information, Definition of Auditing, Objectives of Auditing - Primary and Secondary, Expression of Opinion, Detection of Frauds and Errors, Inherent Limitations of Audit Errors and Frauds Concepts, Reasons and Circumstances, Types of Errors - Commission, Omission, Principle and Compensating, Types of Frauds, Risk of Fraud and Error in Audit, Auditor's Duties and Responsibilities in Respect of Fraud Principles of Audit Integrity, Objectivity, Independence, Confidentiality, Skills and Competence, Materiality and Work Performed by Others, Documentation, Planning, Audit Evidence, Accounting System and Internal Control, Audit Conclusions and Reporting Types of Audit Meaning, Advantages and Disadvantages of Balance Sheet Audit, Interim Audit, Continuous Audit, Concurrent Audit, Annual Audit Miscellaneous Advantages of Independent Audit, Qualities of Auditors, Auditing Vs Accounting, Auditing Vs Investigation, View the Concept True and Fair Accounting Concepts Relevant to Auditing 		
	Materiality, Going Concern		
2	Audit Planning, Procedures and Documentation		
	 Audit Planning Meaning, Objectives, Factors to be Considered, Sources of Obtaining Information, Discussions with Client, Overall Audit Plan Audit Programme Meaning, Factors to be Considered, Advantages, Disadvantages, Overcoming 		
	 Disadvantages, Methods of Work, Instruction before Commencing Works of Audit, Overall Audit Approach Audit working Papers Meaning, Importance, Factors Determining Form and Contents, Main Functions / Importance, Features, Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of Other Parties to Audit Working Papers, Auditors Lien on Working Papers, Auditors Lien on Client's Books Audit Notebook Meaning, Structure, Contents, General Information, Current Information and Importance 		

Sr. No.	Modules / Units
3	Auditing Techniques
	 Test Check Test Checking Vs Routing Checking, Test Check Meaning, Features, Factors to be Considered, When Test Checks can be Used, Advantages, Disadvantages and Precautions. Audit Sampling Audit Sampling, Meaning, Purpose, Factors in Determining Sample Size - Sampling Risk, Tolerable Error and Expected Error, Methods of Selecting Sample Items Evaluation of Sample Results Auditors Liability in Conducting Audit based on Sample Internal Control Meaning and Purpose, Review of Internal Control, Advantages, Auditors Duties, Review of Internal Control, Inherent Limitations of Internal Control, Internal Control Samples for Sales and Debtors, Purchases and Creditors, Wages and Salaries
	Internal Checks Vs Internal Control, Internal Checks Vs Test Checks
4	Internal Audit
	Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit Internal Audit Vs External Audit, Internal Checks Vs Internal Audit

Elective Courses (EC)

3. Taxation - Indirect Taxes - I

Sr. No.	Modules	No. of Lectures
1	Maharashtra Value Added Tax (MVAT), Act 2002: Introduction	20
2	Maharashtra Value Added Tax (MVAT), Act 2002: Registration Procedure and Rules: Section 16	10
3	Maharashtra Value Added Tax (MVAT), Act 2002:Audit Section 22 and 61	20
4	Maharashtra Value Added Tax (MVAT), Act 2002:Penalty and Interest	10
	Total	60

Sr. No.	Modules / Units		
1	Maharashtra Value Added Tax (MVAT), Act 2002:		
	Introduction		
	Definitions		
	Section:		
	2 (4)Businesses; 2 (8)Dealers; 2 (12) Goods; 2 (13)Importer;		
	2 (15)Manufacturer; 2 (20)Purchase Price; 2 (22)Resale; 2 (24)Sales		
	2 (25)Sales Price; 2 (27)Service; 2 (33)Turnover of Sales and Rule 3		
	Incidence of Levy of Tax		
	Sec. 3 Incidence of Tax		
	Sec. 4 Tax Payable		
	Sec. 5 Tax Not Leviable on Certain Goods		
	Sec. 6 Levy of Sales Tax on Goods specified in the Schedule		
Sec. 7 Rate of Tax on Packing Material Sec. 8 Certain Sale and Purchase not Liable for Tax			
	Payment of Tax and Recovery		
	Section: 42 - Composition of Tax and Notification 1505/CR-105/Taxation-1		
	Set Off, Refund, etc.		
	Section 48 and 49 Set Off, Refund etc. Along with Rules 52, 53, 54, 55		
	Maharashtra Value Added Tax (MVAT), Act 2002:		
2	Registration Procedure and Rules: Section 16		
3	Maharashtra Value Added Tax (MVAT), Act 2002:		
3	Audit Section 22 and 61		
	Maharashtra Value Added Tax (MVAT), Act 2002:		
4	Penalty and Interest		

Notes:

- 1. The Syllabus is restricted to Study of Particular Sections, Specifically Mentioned Rules and Notifications Only.
- 2. All Modules / Units include Computational Problems / Case Study.
- 3. The Law in force on 1^{st} April Immediately Preceding the Commencement of Academic Year will be Applicable for Ensuing Examinations.

Ability Enhancement Courses (AEC)

4. Business Communication - II

Sr. No.	Modules	No. of Lectures
1	Presentation Skills	15
2	Group Communication	15
3	Business Correspondence	15
4	Language and Writing Skills	15
	Total	60

Sr. No.	Modules / Units	
1	Presentation Skills	
	Presentations: (to be tested in tutorials only) 4 Principles of Effective Presentation Effective use of OHP Effective use of Transparencies How to make a Power-Point Presentation	
2	Group Communication	
	Interviews: Group Discussion Preparing for an Interview, Types of Interviews – Selection, Appraisal, Grievance, Exit Meetings: Need and Importance of Meetings, Conduct of Meeting and Group Dynamics Role of the Chairperson, Role of the Participants, Drafting of Notice, Agenda and Resolutions Conference: Meaning and Importance of Conference Organizing a Conference Modern Methods: Video and Tele – Conferencing Public Relations: Meaning, Functions of PR Department, External and Internal Measures of PR	
3	Business Correspondence	
	Trade Letters: Order, Credit and Status Enquiry, Collection (just a brief introduction to be given) Only following to be taught in detail:- Letters of Inquiry, Letters of Complaints, Claims, Adjustments Sales Letters, promotional leaflets and fliers Consumer Grievance Letters, Letters under Right to Information (RTI) Act [Teachers must provide the students with theoretical constructs wherever necessary in order to create awareness. However students should not be tested on the theory.]	
4	Language and Writing Skills	
	Reports: Parts, Types, Feasibility Reports, Investigative Reports Summarisation: Identification of main and supporting/sub points Presenting these in a cohesive manner	

Skill Enhancement Courses (SEC)

5. Foundation Course - II

Sr. No.	Modules	No. of Lectures
1	Globalisation and Indian Society	07
2	Human Rights	10
3	Ecology	10
4	Understanding Stress and Conflict	10
5	Managing Stress and Conflict in Contemporary Society	08
	Total	45

Sr. No	Modules /Units
1	Globalisation and Indian Society
	Understanding the concepts of liberalization, privatization and globalization; Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.
2	Human Rights
	Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights; Human Rights constituents with special reference to Fundamental Rights stated in the Constitution
3	Ecology
	Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation- causes and impact on human life;Sustainable development- concept and components; poverty and environment
4	Understanding Stress and Conflict
	Causes of stress and conflict in individuals and society; Agents of socialization and the role played by them in developing the individual; Significance of values, ethics and prejudices in developing the individual; Stereotyping and prejudice as significant factors in causing conflicts in society. Aggression and violence as the public expression of conflict
5	Managing Stress and Conflict in Contemporary Society
	Types of conflicts and use of coping mechanisms for managing individual stress; Maslow's theory of self-actualisation; Different methods of responding to conflicts in society; Conflict-resolution and efforts towards building peace and harmony in society

Skill Enhancement Courses (SEC)

5. Foundation Course in NSS - II

Sr. No.	Modules	No. of Lectures
1	Socio-economic Survey and Special Camp	10
2	Orientation of the College Unit and Communication Skills	15
3	Rapport with Community and Programme Planning	10
4	Government Organisations / Non-Government Organisations	10
	Total	45

Sr. No.	Modules / Units
1	Socio-economic Survey and Special Camp
	Socio economic survey Socio-economic survey- its meaning and need, Process of Socio-economic survey- design of questionnaire; data collection, data analysis and report writing Special camping activity Concept of camp- Identification of community problems- Importance of group living- Team building- Adoption of village- Planning for camp- pre camping, during the course of camp and post camping activities
2	Orientation of the College Unit and Communication Skills
	Training and orientation of the program unit in the college Leadership training – formation of need based programmmes- Concept of campus to community(C to C) activities Communication skills and Documentation Communication skills- the concept, Verbal, Non-Verbal communication The documentation- Activity Report Writing – basics of NSS accounting – Annual Report – Press note and preparation
3	Rapport with Community and Programme Planning
	Working with individual group and community Ice breaking- interaction games – conflict resolution Program planning Programme planning- the concept and its features, requirements for successful implementation of program- program flow charting- feedback
4	Government Organisations /Non-Government Organisations
	Structure of Government Organisations and Non-Government Organisations Government organisations (GO)- its meaning -Legal set up, functioning, Sources of funding Non-Government organisations (NGO)- its meaning -Legal set up, functioning, Sources of funding National Service Scheme(NSS)- Government organisations (GO) and Non- Government organisations (NGO) Government schemes for community development Schemes os Government welfare departments for community development- provisions & examples

Skill Enhancement Courses (SEC)

5. Foundation Course in NCC - II

Sr. No.	Modules	No. of Lectures
1	Disaster Management, Social Awareness and Community Development	10
2	Health and Hygiene	10
3	Drill with Arms	10
4	Weapon Training	10
5	Specialized Subject: Army Or Navy Or Air	05
	Total	45

Sr. No.	Modules / Units	
1	Disaster Management, Social Awareness and Community Development	
	Disaster Management: Desired outcome: The student shall gain basic information about civil defence organisation / NDMA & shall provide assistance to civil administration in various types of emergencies during natural / manmade disasters Civil Defence Organisation and Its Duties/ NDMA Types of Emergencies/ Natural Disaster Assistance during Natural / Other Calamities: Flood / Cyclone/ Earth Quake/ Accident etc. 'Avan' model of NCC Social Awareness and Community Development: Desired outcome: The student shall have an understanding about social service	
	 and its need, about NGOs and shall participate in community action programmes for betterment of the community. Basics of Social Service, Weaker Sections of Our Society and Their Needs Social/ Rural Development Project: MNREGA, SGSY, NSAP etc. Contribution of Youth towards Social Welfare Civic Responsibilities Causes & Prevention of HIV/AIDS; Role of Youth 	
2	Health and Hygiene	
	 Desired outcome: The student shall be fully aware about personal health and hygiene lead a healthy life style and foster habits of restraint and self awareness. Structure and Functioning of the Human Body Hygiene and Sanitation (Personal and Food Hygiene) Infectious & Contagious Diseases & Their Prevention 	
3	Drill with Arms	
	 Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, turnout, develop the quality of immediate and implicit obedience of orders, with good reflexes. Attention, Stand at Ease and Stand Easy Getting on Parade with Rifle and Dressing at the Order Dismissing and Falling Out Ground / Take Up Arms Present From the Order and Vice-versa General Salute, Salami Shastra 	
4	Weapon Training	
	 Desired outcome: The student shall have basic knowledge of weapons and their use and handling. Characteristics of a Rifle / Rifle Ammunition and its Fire Power Stripping, Assembling, Care and Cleaning and Sight Setting of .22 rifle Stripping, Assembling, Care and Cleaning of 7.62mm SLR Loading, Cocking and Unloading The lying position, Holding and Aiming- I Trigger control and firing a shot Range procedure and safety precautions Short range firing, Aiming- II -Alteration of sight 	

Sr. No.	Modules / Units
5	Specialized Subject: Army Or Navy Or Air
3	
	Army Desired outcome: The training shall instill patriotism, commitment and passion to serve the nation motivating the youth to join the defence forces. It will also acquaint, expose & provide basic knowledge about armed, naval and air-force subjects A. Map reading Introduction to types of Maps and Conventional signs Scales and Grid system Topographical forms and technical terms Relief, contours and Gradients Cardinal points and Types of North Types of bearings and use of Service Protractor Prismatic compass and its use and GPS B. Field Craft and Battle Craft Introduction Judging distance Description of ground
	 Recognition, Description and Indication of landmarks and targets
	OR
	Navy A. `Naval Communication
	 Introduction to Naval Modern Communication, Purpose and Principles Introduction of Naval communication Duties of various communication sub-departments Semaphore Introduction of position of letters and prosigns Reading of messages Transmission of messages B. Seamanship Anchor work Parts of Anchor and Cable, their identification Rigging Types of ropes and breaking strength- stowing, maintenance and securing of ropes Practical Bends and Hitches: Reef Knot, Half hitch, Clove Hitch, Rolling Hitch, Timber Hitch, Bow Line, Round Turn and Two half hitch and Bow line on the Bight and its basic elements and uses.
	 Introduction to Shackles, Hooks, Blocks and Derricks, Coiling Down and Splicing of rope Boat work
	Parts of Boat and Parts of an Oar
	 Instruction on boat Pulling- Pulling orders Steering of boat under oars, Practical instruction on Boat Pulling, Precautions while pulling

Sr. No.	Modules / Units
	OR
	Air
	A. Air frames
	Aircraft Controls
	Landing Gear
	B. Instruments
	Basic Flight Instruments
	C. Aircraft Particulars
	Aircraft Particulars (Type specific)
	D. Aero modelling
	History of Aero modelling
	Materials used in Aero modelling
	Type of Aero models
	Flying/ Building of Aero models

Skill Enhancement Courses (SEC)

5. Foundation Course in Physical Education - II

Sr. No.	Modules	No. of Lectures
1	Development of Fitness	10
2	Health, Fitness and Diseases	15
3	Yoga Education	10
4	Daily Schedule of Achieving Quality of Life and Wellness	10
	Total	45

Sr. No.	Modules / Units	
1	Development of Fitness	
	 Benefits of physical fitness and exercise and principles of physical fitness Calculation of fitness index level 1-4 	
	 Waist-hip ratio Target Heart Rate, BMI and types and principles of exercise (FITT) 	
	Methods of training – continues, Interval, circuit, Fartlek and Plyometric	
2	Health, Fitness and Diseases	
	 Definition of obesity and its management Communicable diseases, their preventive and therapeutic aspectS Factors responsible for communicable diseases Preventive and therapeutic aspect of Communicable and non- communicable diseases 	
3	Yoga Education	
	 Meaning and history of yoga Ashtang yoga and types of yoga Types of Suryanamaskar and Technique of Pranayam Benefits of Yoga 	
4	Daily Schedule of Achieving Quality of Life and Wellness	
	 Daily schedule based upon one's attitude, gender, age &occupation. Basic – module: - Time split for rest, sleep, diet, activity & recreation. Principles to achieve quality of life:- positive attitude, daily regular exercise, control over food habits & healthy hygienic practices. 	

Core Courses (CC)

6. Business Law - Business Regulatory Framework - I

Sr. No.	Modules	No. of Lectures
1	Law of Contract 1872	15
2	Sale of Goods Act 1930	15
3	Negotiable Instrument Act 1881	15
4	Consumer Protection Act 1986	15
	Total	60

Sr. No.	Modules / Units
1	Law of Contract 1872
	(a) Nature of Contract
	(b) Classification of Contracts
	(c) Offer and Acceptance
	(d) Capacity of Parties to Contract
	(e) Free Consents
	(f) Consideration
	(g) Legality of Object
	(h) Agreement DeclaredVoid
	(i) Performance of Contract
	(j) Discharge of Contract
	(k) Remedies for Breach of Contract
	(I) Indemnity
	(m) Guarantee
	(n) Bailment and Pledge
	(o) Agency
2	Sale of Goods Act 1930
	(a) Formation of Contract of Sale
	(b) Goods and their Classifications
	(c) Price, Conditions and Warranties
	(d) Transfer of Properties in Goods
	(e) Performance of Contract of Sales
	(f) Unpaid Seller and his Rights
	(g) Sale by Auction
	(h) Hire Purchase Agreement
3	Negotiable Instrument Act 1881
	(a) Definition of Negotiable Instruments
	(b) Features of Negotiable Instruments
	(c) Promissory Note
	(d) Bill of Exchange and Cheque
	(e) Holder and Holder in due Course
	(f) Crossing of a Cheque
	(g) Types of Crossing
	(h) Dishonour and Discharge of Negotiable Instruments
4	Consumer Protection Act 1986
	(a) Salient Features
	(b) Definition of Consumers
	(c) Deficiency in Service
	(d) Defects in Goods

Core Courses (CC)

7. Business Mathematics

Sr. No.	Modules	No. of Lectures
1	Ratio, Proportion and Percentage	15
2	Profit and Loss	15
3	Interest and Annuity	15
4	Shares and Mutual Fund	15
	Total	60

Sr. No.	Modules / Units	
1	Ratio, Proportion and Percentage	
	Ratio- Definition, Continued ratio, Inverse Ratio,	
	Proportion - Continued proportion, Direct proportion, Inverse proportion,	
	Variation - Inverse variation, Joint variation Percentage- Meaning and computation of percentage	
2	Profit and Loss	
	Terms and formulae, Trade discount, Cash discount, problems involving cost price, selling price, trade discount, cash discount. Introduction to Commission and brokerage – problems on commission and brokerage	
3	Interest and Annuity	
	Simple interest, compound interest, Equated monthly instalments, reducing balance and flat rate of interest Annuity immediate- present value and future value Stated annual rate and effective annual rate	
4	Shares and Mutual Fund	
	Shares- Concept, face value, market value, dividend, Equity shares, preference shares, bonus shares, Mutual Fund- Simple problems on calculation of net income after considering entry load, exit load, dividend, change in net asset value	

Reference Books

Reference Books

Financial Accounting - Elements of Financial Accounting - Paper I

- Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi
- Advance Accounts by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi
- Advanced Accountancy by R.L Gupta and M. Radhaswamy, S. Chand and Company (P) Ltd., New Delhi
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Financial Accounting by LesileChandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi
- Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai
- Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi
- Accounting Principles by R.N. Anthony and J.S. Reece, Richard Irwin, Inc
- Financial Accounting by Monga, J.R. Ahuja, Girish Ahuja and Ashok Shehgal, Mayur Paper Back, Noida
- Compendium of Statement and Standard of Accounting, ICAI
- Indian Accounting Standards, Ashish Bhattacharya, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Financial Accounting by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Company Accounting Standards by ShrinivasanAnand, Taxman, New Delhi
- Financial Accounting by V. Rajasekaran, Pearson Publications, New Delhi
- Introduction to Financial Accounting by Horngren, Pearson Publications, New Delhi
- Financial Accounting by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- Financial Accounting a Managerial Perspective, Varadraj B. Bapat, MehulRaithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi

Cost Accounting - Introduction and Element of Cost - Paper I

- Lectures on Costing by Swaminathan: S. Chand and Company (P) Ltd., New Delhi
- Cost Accounting by C.S. Rayudu, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Cost Accounting by JawaharLal and Seema Srivastava, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Cost Accounting by Ravi M. Kishore, Taxmann Ltd., New Delhi
- Principles and Practices of Cost Accounting by N.K. Prasad, Book Syndicate Pvt. Ltd., Calcutta
- Cost Accounting Theory and Practice by B.K. Bhar, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Cost Accounting Principles and Practice by M.N. Arora, Vikas Publishing House Pvt. Ltd., New Delhi
- Advanced Cost and Management Accounting: Problems and Solutions by V.K. Saxena and C.D. Vashist,
 S. Chand and Company (P) Ltd., New Delhi
- Cost Accounting by S.P. Jain and K.L. Narang, Kalyani Publishers, Ludhiana
- Modern Cost and Management Accounting by M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi

Financial Management (Introduction to Financial Management) - Paper I

- Fundamentals of Financial Management by D. Chandra Bose, PHI Learning Pvt. Ltd., New Delhi
- Fundamentals of Financial Management by Bhabotosh Banerjee, PHI Learning Pvt. Ltd., New Delhi
- Fundamentals of Financial Management by Vyuptakesh Sharma, Pearson Education, New Delhi
- Fundamentals of Financial Management by J.C. Van Horne, Prentice Hall of India, New Delhi
- Financial Management: Text and Problems by M.Y. Khan and P.K. Jain, Tata McGraw Hill, New Delhi
- Financial Management: Theory and Practice by Prasanna Chandra, Tata McGraw Hill, New Delhi
- Financial Management by I.M. Pandey, Vikas Publishing House, New Delhi

Business Communication - I

- Agarwal, Anju D(1989) A Practical Handbook for Consumers, IBH.
- Alien, R.K.(1970) Organisational Management through Communication.
- Ashley,A(1992) A Handbook Of Commercial Correspondence, Oxford University Press.
- Aswalthapa, K (1991)Organisational Behaviour, Himalayan Publication, Mumbai.
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- Business Mathematics and Statistics by R.K. Ghosh and S. Saha, New Central Agency Pvt. Ltd. Calcutta
- Commerce Mathematics by Om P. Chug, etc., Anmol Publication Ltd., New Delhi
- Mathematics for Economics and Business by J. Soper, Blackwell Publishing, U.S.A.
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- Business Mathematics: D C Sancheti& V K Kapoor, Sultan Chand & Sons
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- Investments By J.C. Francis & R.W. Taylor, Schaum's Outlines, Tata Mc-Graw Hill Edition 2000, Chapters 2,4& section 25.1.
- Indian Mutual Funds Handbook : By SundarShankaran, Vision Books, 2006, Sections 1.7,1.8.1,6.5 & Annexures 1.1to 1.3.
- Mathematics for Economics and Finance Methods and Modelling by Martin Anthony and Norman Biggs, Cambridge University Press, Cambridge low-priced edition, 2000, Chapters 1, 2, 4, 6 to 9 & 10.
- Applied Calculus: By Stephen Waner and Steven Constensble, Brooks/Cole Thomson Learning, second edition, Chapter 1 to 5.
- Business Mathematics By D. C. Sancheti and V. K. Kapoor, Sultan Chand & Sons, 2006, Chapter 1, 5, 7, 9 & 10.
- Mathematics for Business Economics: By J. D. Gupta, P. K. Gupta and Man Mohan, Tata Mc- Graw Hill Publishing Co. Ltd., 1987, Chapters 9 to 11 & 16.

Scheme of Evaluation

The performance of the learners will be evaluated in two Components. One component will be the Internal Assessment component carrying 25% marks and the second component will be the Semester-wise End Examination component carrying 75% marks. The allocation of marks for the Internal Assessment and Semester End Examinations will be as shown below:-

A) Internal Assessment: 25 %

Question Paper Pattern (Internal Assessment- Courses without Practical Courses)

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

Question Paper Pattern (Internal Assessment- Courses with Practical Courses)

Sr. No.	Particular	Marks
1	Semester End Practical Examination (20 Marks)	
	Journal	05 Marks
	Viva	05 Marks
	Laboratory Work	10 Marks
2	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 articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

B) Semester End Examination: 75 %

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

(Detail question paper pattern has been given separately)

Passing Standard

The learners to pass a course 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. 10 out of 25) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 30 Out of 75) separately, to pass the course and minimum of Grade E to pass a particular semester A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

Question Paper Pattern (Practical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 1/2 Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A) Sub Questions to be asked 10 and to be answered any 08 B) Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Practical Question OR	15 Marks
Q-2	Full Length Practical Question	15 Marks
Q-3	Full Length Practical Question OR	15 Marks
Q-3	Full Length Practical Question	15 Marks
Q-4	Full Length Practical Question OR	15 Marks
Q-4	Full Length Practical Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Practical question of 15 marks may be divided into two sub questions of 7/8 and 10/5 Marks. If the topic demands, instead of practical questions, appropriate theory question may be asked.

Question Paper Pattern (Theoretical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 1/2 Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A) Sub Questions to be asked 10 and to be answered any 08 B) Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the	15 Marks
Q-2	Full Length Question OR	15 Marks
Q-2	Full Length Question	15 Marks
Q-3	Full Length Question OR	15 Marks
Q-3	Full Length Question	15 Marks
Q-4	Full Length Question OR	15 Marks
Q-4	Full Length Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Theory question of 15 marks may be divided into two sub questions of 7/8 and 10/5 Marks.