



Vivekanand Education Society's College of Arts, Science and Commerce

(Autonomous)

Sindhi Society, Chembur, Mumbai, Maharashtra – 400 071.

Accredited by NAAC "A Grade" in 3rd Cycle - 2017

Best College Award – Urban Area, University of Mumbai (2012-13)

Recipient of FIST Grant (DST) and STAR College Grant (DBT)

Affiliated to the

University of Mumbai

Syllabus for

Program: B.Com. (Accounting & Finance)

(Program code: VESUCAF)

As per Choice Based Semester and Grading System (CBSGS) with effect from Academic Year 2022 - 2023

Program Outcomes (PO):

A learner after completing B.Com. Accounting and Finance will be able:

- PO1 To demonstrate their knowledge and ability, to add value to the organisations that they will be a part of.
- PO2 The present dynamic business environment requires students, to enhance the skills in complex and critical areas of Accounting, Finance and Taxation.
- PO3 To manage entire accounting at personal or corporate level single handed.
- PO4 To convey their responsibility as an accountant and a member of finance team of any organisation towards various stake holders individually and towards economy as a whole.

Program Specific Outcomes (PSO's)

On the completion of B.Com. Accounting and Finance program, learners will be enriched with knowledge and be able to

- PSO1 Go ahead with professional course in excellent prospects to choose from varied courses like Chartered Accountancy (ICAI), Cost Accountant (ICMAI), Chartered Certified Accountants (ACCA), MBA, Chartered Finance Analyst (CFA), and Company Secretary.
- PSO2 Develop a range of subject specific and technical skills, also gain more general skills like numerical and quantitative skills, oral and written communication skills, entrepreneurship.
- PSO3 Do research work in the field of finance.
- PSO4 Enhance student's communication skills, social skills, computer skills as well. This programme also updates students with business & corporate laws and business economics.

Since 1962

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

Course Code		Title	Credits & Lectures per Semester	Lectures per Week
VESUCAF401	Financial	Accounting (Special Accounting Areas)-IV	3	4
		Preparation of Final Accounts of		
	Unit 1	Companies	15	
	Unit 2	Redemption of Preference Shares	12	
	Unit 3	Redemption of Debentures	12	
		Ascertainment and Treatment of Profit Prior		
	Unit 4	to Incorporation	11	
	Unit 5	Fore <mark>ig</mark> n Branch	10	
		4		
VESUCAF402	Auditing-	III	3	
	Unit 1	Audit Report	15	
		Audit under Computerized Information		
	Unit 2	System Environment	15	
	Unit 3	Prof <mark>es</mark> sional Ethics	15	
		Investigation, Due Diligence and Forensic		
	Unit 4	Audit	15	4
VESUCAF403	Taxation -	- III (Direct Taxes Paper- II)	3	
	Unit 1	Clubbing of Income	5	
	Unit 2	Set Off & Carry Forward of Losses	5	
		Computation of Tax liability of Individual		
	Unit 3	& H <mark>U</mark> F	5	
		Computation of Income of Partnership		
		Firm in Relation to Sec: 40(b) & Tax		_
	Unit 4	Thereon With Applicable Rate of Tax	15	4
	Unit 5	Return of Income – Sec 139	5	
	TI24 C	Tax Deduction at Source Advance Tax	4.5	
	Unit 6	Interest Payable	15	
	Unit 7	DTAA U/S 90 & 91	5	
	Unit 8	Tax Planning & Ethics in Taxation	5	
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VESUCAF404		Management Accounting	3	
	Unit 1	Contract Costing	15	
	Unit 2	Process Costing	15	
	Unit 3	Introduction to Management Accounting	5	
	Unit 4	Analysis and Interpretation of Accounts	10	
	Unit 5	Cash Flow Analysis	15	4
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VESUCAF405	Indian Ec	onomy (Economics- III)	3	
		Introduction to Indian Economy,		
	Unit 1	Agricultural Sector	20	
	Unit 2	Industrial Sector	15	
	Unit 3	Service sector and External sector	15	
	Unit 4	Money and Banking	10	4
VESUCAF406	Foundatio	on Course in Management (Introduction		
	to manage	ement)- IV	2	
		Introduction to Basic Management		
	Unit 1	Concepts	5	
	Unit 2	Planning	10	
	Unit 3	Organising	10	
	Unit 4	Staffing	10	
	Unit 5	Directing and Controlling	10	3
VESUCAF407	Research	Methodology in Accounting and Finance	3	
	Unit 1	Introduction to Research	15	
	Unit 2	Research Design in Accounting & Finance	15	
	Unit 3	Data Collection and Processing	15	
	Unit 4	Interpretation and Report Writing	15	4

V.E.S.

Since 1962

Semester IV

Detailed Syllabus: Unit wise / Module wise with number of lectures

Course Title: Financial Accounting (Special Accounting Areas) - IV

Course Code: VESUCAF401 Course Type: Elective Course

Objective: The objective of the course is to help the students to get familiar with accounting knowledge of companies and to impart knowledge about the practical aspects of the subject.

Learning Outcomes (LO):

- LO1 To understand revised Schedule III & Financial Statements as per the Revised Schedule.
- LO2 To understand the concept of redemption of Preference Shares.
- LO3 To understand the terms of redemption of Debentures and method of redemption.
- LO4 To understand concept of Profit Prior to Incorporation and its treatment in Accounts.
- LO5 To understand the Provisions of AS-11 and translation of the Financial Statements of Foreign Branches.

Unit		No of
		No. of
No.	Topics	Lectures
	Preparation of Final Accounts of Companies	
	Relevant provisions of Companies Act related to preparation of Final Account (excluding cash flow statement)	
1	Preparation of financial statements as per Companies Act. (excluding cash flow statement)	
	AS 1 in relation to final accounts of companies (disclosure of accounting policies)	15
	Redemption of Preference Shares	
	Provision of the Companies Act for redemption of Preference Shares (Sec.	
	55 of the Companies Act, 2013), Companies (Share and Debentures) Rules.	
	Methods of Redemption of fully paid up Preference Shares as per Companies	
	Act, 2013: The proceed of a fresh issue of shares, the capitalisation of	
2	undistributed profits and a combination of both, calculation of minimum	12
	fresh issue to provide the fund for redemption (Question on entries and/or	
	Balance Sheet)	
	Note: Companies governed by Section 133 of the Companies Act, 2013 and	
	comply with the accounting standards prescribed for them. Hence, the	
	balance in security premium accounts not to be utilised for premium payable	
	on redemption of preference shares.	
3	Redemption of Debentures	12

	Introduction: Provisions of Section 71 (1) and (4) of the Companies Act, 2013. Creation and investment of DRR including The Companies (Share Capital and Debentures) Rules, 2014, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures. Methods of redemption of debentures: By payment in lumpsum and by payment in instalments (excluding from by purchase in open market), Conversion. (Question on entries, ledgers and/or Balance Sheet and /or redemption of preference shares)	
	Ascertainment and Treatment of Profit Prior to Incorporation	
4	Principles for ascertainment Preparation of separate, combined and columnar Profit and Loss Account including different basis of allocation of expenses / incomes	11
5	Foreign Branch	10
3	Conversion as per AS 11 and incorporation in HO accounts	10

- 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 Lesile Chandwichk, 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
- Financial Accounting by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- 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, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi

Course Title: Auditing - III Course Code: VESUCAF402 Course Type: Elective Course

Objective: The objective of the course is to enhance knowledge base of auditing and developing understanding of its practical implication.

Learning Outcomes (LO):

- **LO1** To Enhance the understanding of Audit Techniques
- LO2 To Understand auditing of Income, Expenses, Assets and Liabilities
- LO3 To gain conceptual understanding of Auditing Standards
- **LO4** To Understand the importance of Audit in the companies

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Unit	The section	No. of
No.	Topics	Lectures
1	Audit Report Reporting requirement under the Companies Act Qualifications in Audit Report, Disclaimers in Audit Report Adverse Opinion, Disclosures, Reports & Certificate	15
	Audit under Computerized Information System Environment	
	Special aspects of CIS Audit Environment, Need for review of internal control	
2	especially procedure controls and facility controls	15
_	Approach to audit in CIS environment	10
	Use of computer for internal and management audit purposes	
	Audit tools, test packs, computerized audit programmes	
	Special aspects in Audit of E-Commerce Transaction.	
	Professional Ethics	
	Code of Ethics with special reference to the relevant provisions of The	
	Chartered Accountant Act and the Regulations thereunder	
	The Chartered Accountant Act	
3	Schedules	15
3	Members who are deemed to be in Practice	15
	Significance of the Certificate of Practice	
	Disabilities for purpose of Membership	
	Disciplinary Procedure	
	Professional Misconduct	
4	Investigation, Due Diligence and Forensic Audit	
	Introduction	
	Auditing and Investigation	15
	Steps in Investigation	
	Special aspects in connection with Business Investigation	

Types of Investigation (only introduction)

Meaning of Due Diligence

Purpose of Due Diligence

Overview of Forensic Accouting/ Auditing

Forensic Auditor and their Importance

Process of Forensic Auditing

- Contemporary Auditing by Kamal Gupta, Tata Mc-Graw Hill, New Delhi
- A Hand-Book of Practical Auditing by B.N. Tandon, S. Chand and Company, New Delhi
- Fundamentals of Auditing by Kamal Gupta and Ashok Arora, Tata McGraw Hill, New Delhi
- Auditing: Principles and Practice by Ravinder Kumar, Virender Sharma, PHI Learning Pvt. Ltd., New Delhi
- Auditing and Assurance for CA IPCC by Sanjib Kumar Basu, Pearson Education, New Delhi
- Contemporary Auditing by Kamal Gupta, McGrow Hill Education Pvt. Ltd., New Delhi
- Fundamentals of Auditing by Kamal Arora and Ashok Gupta, Tata McGraw Hill, New Delhi



Course Title: Taxation - III (Direct Taxes Paper- II)

Course Code: VESUCAF403 Course Type: Elective Course

Objective: The objective of the course is to understand the computation of total income and tax liability in India under Income Tax Act 1961.

Learning Outcomes (LO):

- **LO1** To understand the basic concepts under the Income Tax Act, 1961.
- LO2 To compute tax liability of Individual and HUF.
- **LO3** To understand the deductions of tax at source and advance tax computation.
- **LO4** To acquire knowledge about tax planning.

Unit		No. of
No.	Topics	Lectures
1	Clubbing of Income Sec 60 to 65	5
2	Sec: 70 – Set off Loss from one Source against Income from another Source under the Same Head of Income Sec: 71 – Set Off Loss from One Head against Income of another Head Sec: 71B – Carry Forward & Set off Losses from House Property Sec: 72 – Carry Forward & Set Off of Losses of Business Losses Sec: 73- Losses in Speculation Business Sec: 74- Loss under the head Capital Gains	5
3	Computation of Tax liability of Individual & HUF	5
4	Computation of Income of Partnership Firm in Relation to Sec: 40(b) & Tax Thereon With Applicable Rate of Tax	15
5	Return of Income – Sec 139 Excluding u/s 139(4A), 139(4B), 139(4C) & 139 (4D)	5
6	Tax Deduction at Source, Advance Tax U/S 207, 208, 209, 210 & 211, Interest Payable U/S 234A, 234B, 234C Basic Aspects of Deduction of Taxes at Source Sec: 192 – TDS on Salary Sec: 194A – TDS on Interest Sec: 194C – TDS on Contractor Sec: 194H – TDS on Commission Sec: 194J – TDS on Rent Sec: 194J – TDS on Professional Fees Advance Tax U/S 207, 208, 209, 210 & 211 Sec: 207 – Income Liable to Advance Tax Sec: 208 – Liability of Advance Tax Sec: 209 – Computation of Advance Tax Sec: 210 – Payment of Advance Tax by Assessee on His Own Account	15

	Sec: 211 – Due Dates of Payment of Advance Tax Interest Payable U/S 234A, 234B, 234C Sec: 234A – Interest for default in furnishing return of income Sec: 234B – Interest for default in payment of advance tax Sec: 234C – Interest for deferment of advance tax	
7	DTAA U/S 90 & 91	5
8	Tax Planning & Ethics in Taxation	5

Note: Relevant Law/Statute/Rules in force and relevant Standards in force on 1st April immediately preceding commencement of Academic Year is applicable for ensuring examination after relevant year.

- Direct Taxes Law & Practice by V.K. Singhania Taxman
- Systematic Approach to Direct Tax by Ahuja & Gupta Bharat Law House
- Income Tax Ready Recknoner by Dr .V.K. Singhania Taxman
- Direct Tax Laws by T.N. Manoharan Snow White



Course Title: Cost and Management Accounting

Course Code: VESUCAF404
Course Type: Elective Course

Objective: The objective of the course is to provide knowledge the scope of cost and management accounting in any business activity.

Learning Outcomes (LO):

- **LO1** Explain cost accounting systems and purposes of cost accounting.
- LO2 Explain the relationships between cost and financial accounting.
- LO3 Evaluate complex ideas and tolerate ambiguity in managerial and organisational problem-solving
- LO4 Demonstrate mastery of costing systems, cost management and control performance evaluation by management accounting.
- LO5 Critically analyse and provide recommendations to improve the operations of organisations through the application of management accounting techniques

Unit No.	Topics	No. of Lectures
110.	Contract Costing	Dectures
1	Progress payments, Retention money, Contract accounts, Accounting for material, Accounting for Tax deducted at source by the contractee, Accounting for plant used in a contract, treatment of profit on incomplete contracts, Contract profit and Balance sheet entries. Escalation clause, practical problems	15
	Process Costing	
2	Process loss, Abnormal gains and losses, Joint products and by products. Excluding Equivalent units, Inter-process profit	15
	Practical problems Process Costing and joint and by products	
	Introduction to Management Accounting	
3	Meaning, Features, Scope, Importance, Functions, role of Management Accounting,	5
	Management Accounting Framework, Tools,	
	Management Accounting and Financial Accounting	
	Analysis and Interpretation of Accounts	
	a) Vertical Forms of Balance Sheet and Profit and Loss Account suitable for	
	analysis	
4	b) Trend Analysis.	10
	c) Comparative Statement.	
	d) Common Size Statement.	
	NOTE: Practical Problems based on the above (a) to (d)	
5	Working Capital Management	15

- A. Concept, Nature of Working Capital, Planning of Working Capital
- B. Estimation / Projection of Working Capital Requirement in case of Trading and Manufacturing Organization
- C. Operating Cycle Practical Problems

- Cost Management by Saxena & Vashist
- Cost & Management Accounting by Ravi N.Kishor , Publication Taxmonth
- Essential of Management Accounting by P.N.Reddy, Himalaye
- Cost Accounting by C.S. Rayudu, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Cost Accounting by Jawahar Lal and Seema Srivastava, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Cost Accounting by Ravi M. Kishore, Taxmann Ltd., New Delhi
- Advanced Management Accounting by Robert S Kailar, Holl



Course Title: Indian Economy (Economics- III)

Course Code: VESUCAF405 Course Type: Core Course

Objective: The objective of the course is to provide knowledge about the Indian Economy.

Learning Outcomes (LO):

On successful completion of this course students will be able to:

- **LO 1** Learn the economic structure of India on macro level. The structure of Indian Agriculture its challenges, growth and barriers.
- LO 2 Understand the growth pattern of the Industrial Sector and the inter-state disparities in India.
- LO 3 Understand the Service sectors in India the recent growth in them. External sector in India its contribution to Indian economy.

LO 4 Learn about the money market, financial institutions and public policy formation through NITI Aayog in India

	through N111 Aayog in <mark>th</mark> idia	No. of
Unit No.	Topics	Lectures
1	Introduction to Indian Economy, Agricultural Sector	20
	Introduction to Indian Economy - Demographic features Poverty, Income inequality, Unemployment	
	Workfore and Occupational Structure	
	Urbanization and its effects Agricultural Sector - Institutional Structure and Land reforms in India	
	Technological changes in agriculture	
	Agricultural pricing and agricultural finance	
	Agricultural marketing	
	National agricultural policy	
	Food Security in India	
2	Industrial Sector	15
	Growth and pattern of industrialization and Industrial Policy of 1991. Public sector enterprises and disinvestment policy Inter-State Disparities	
	Small scale sector- problems and prospects	
3	Service Sector and External Sector	15
	Service Sector	
	Nature and scope of service industry Recent trends in Banking industry, Insurance Industry, Healthcare Industry and Tourism Industry	
	External Sector	

	Structure and directions of Foreign trade India's Balance of payments since 1991 FDI, foreign capital and transnational companies in India.	
	Role and impact of SAARC, ASEAN and WTO	
4	Money and Banking	10
	Money market and its features Progress of commercial banking in India	
	Development of capital markets	
	SEBI and its functions	
	NITI Aayog	

- Indian Economic Survey Reports (Annual), Ministry of Finance, Government of India
- Indian Economy by Misra and Puri, Himalaya Publishing House Delhi
- Gaurav Dutt & Ashwini Mahajan, (2016) Indian Economy, S.Chand & company Pvt.Ltd. New Delhi
- A.N.Agarwal Indian Economy problems of Development and Planning New Age International Publisher
- RuddarDatt K.P.M Sundharam Indian Economy S. Chand E-co LTD. Delhi



Course Title: Foundation Course in Management (Introduction to Management)- IV

Course Code: VESUCAF406

Course Type: Skill Enhancement Course

Objective: To provide knowledge about the various aspects of management.

Learning Outcomes (LO):

On successful completion of this course students will be able to:

LO1 Understand the basic concepts of management.

LO2 Understand the various concepts of organization

LO3 Acquire knowledge about the different staffing techniques

LO4 Learn about the essentials of a good control system

Unit No.	Topics	No. of Lectures
	Introduction to Basic Management Concepts	
	Introduction to Management, Definition of Management	
	Nature of Management	
1	Objectives of Management	5
	Administration vs Management	
	Levels of Management	
	Principles of Management	
	Planning	
	Definition and Importance of Planning	
2	Process of Planning	10
4	Limitations of Planning	10
	Features of Sound Planning	
	Features and process of decision making	
	Organising	
	Definition, nature and significance	
	Process of organisation	
3	Principles of organisation Formal and Informal organisation - features, advantages and disadvantages	10
	Centralisation and decentralisation – factors, merits and demerits	
	Departmentation and Delegation	
4	Staffing	
	Meaning, Importance of Staffing	
	Recruitment and its sources	10
	Selection procedure	10
	Distinction between Recruitment and Selection	
	Employment tests and types of Interview	
5	Directing and Controlling	10

Meaning and Importance of directing

Principles of Directing

Leadership trails and Styles

Motivation – Importance and Factors

Co-ordination – Meaning, features and Importance

Meaning and steps in controlling

Essentials of a good control system

- Essentials of Management by Koontz H & W published by McGraw Hill
- Principles of Management by Ramaswamy published by Himalaya
- Management Concept and Practice by Hannagain T published by McMillan
- Basic Managerial Skills for All by McGrath E.H published by Prentice Hall of India
- Management Text and Cases by VSP Rao published by Excel Books
- Essentials of Management by Massie Joseph published by Prentice Hall of India



Course Title: Research Methodology in Accounting and Finance

Course Code: VESUCAF407 Course Type: Core Course

Objective: To provide knowledge about basic concepts of research and its methodologies.

Learning Outcomes (LO):

- **LO1** Demonstrate the ability to choose methods with appropriate to research aims and objectives
- LO2 Explains the advancement and limitations of particular research methods
- LO3 Develop skills in qualitative and quantitative data analysis and with their presentation
- LO4 Develop advanced critical thinking skills and writing skills in making a research article.

Unit	Topics	No. of
No.	Topics	Lectures
1	Introduction to Research Introduction and meaning of research, Objectives of research, Features and Importance of research in Accounting and Finance, Objectives and Types of Research - Basic, Applied, Descriptive, Analytical and Empirical Research. Formulation of research problem: Meaning and Selection Review of Literature	15
	Research Design in Accounting and Finance	
2	Meaning of Introduction, Need, and Good research design. Hypothesis: Formulation, Sources, Importance and Types Different Research designs	15
	Data Collection and Processing	
	Data Collection: Introduction and meaning, types of data Primary data: Observation, Experimentation, Interview, Schedules, Survey, Questionnaires, Limitations of Primary data Secondary data: Sources and Limitations	
3	Factors affecting the choice of method of data collection.	15
	Sampling: Significance, Methods, Factors determining sample size Data Presentation: Significance in Research, Stages in Data Processing: Editing, Coding, Classification, Tabulation, Graphic Presentation	
	Statistical Analysis: Tools and Techniques, Measures of Central Tendency	
4	Interpretation and Report Writing	15

Meaning and techniques of interpretation, Research Report Writing: Importance, Essentials, Structure/ layout, Types

- Research Methods in Accounting, Malcolm Smith
- Research Methods and Methodology in Finance and Accounting, by Viv Beattie and Bob Ryan



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	15 marks
2	Viva voce, Group Project, Assignments, Individual/Group Presentations (Any one expert) Assignments, Individual/Group can be conducted by the subject	

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 15marks.
 - 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 weight age 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

Maximum Marks: 75

Questions to be set: 05

Duration: 2 ½ Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions	15 Marks
V 1	A) Sub Questions to be asked 10 and to be answered any 08	15 WILLING
	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)	
Q-2	Full Length Question OR	15Marks
Q-2	Full Length Question	15Marks
Q-3	Full Length Question OR	15Marks
Q-3	Full Length Question	15Marks
Q-4	Full Length Question OR	15Marks
Q-4	Full Length Question	15Marks
Q-5	A) Theory questions B) Analytical Question OR	08Marks 07Marks
Q-5	Short Notes To be asked 05 To be answered 03	15Marks

Note:

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