# ST. JOSEPH'S COLLEGE OF COMMERCE (AUTONOMOUS)

NO. 163, BRIGADE ROAD, BANGALORE – 560 025

# POST GRADUATE DEPARTMENT

# **SYLLABUS FOR THE ACADEMIC YEAR 2018-19**

M.Com- I SEMESTER

(2018-20 BATCH)

### SEMESTER SCHEME

## I SEMESTER

Subject Code	Title of the Paper	Hour	Marks		Total	Credit
		s per week	CIA	ESE	Marks	s
P115 MC 101	Financial Reporting & Analysis	4	30	70	100	4
P115 MC 102	Advanced Financial Management	4	30	70	100	4
P115 MC 103	International Business Environment	4	30	70	100	4
P115 AR 101	Business Information System	3	30	70	100	3
P115 AR 102	Research Methodology	3	30	70	100	3
P115 AO 101	Basic Skills in Counseling / Health Care Management for PG students / MOOCs	3	30	70	100	3
P115 ACBE 101	Analysis of Current Business and Economics – I (VALUE ADDED COURSE)	2	Grade Points			1
P115 MCE 101	Managerial Communication - I	2				1
P115 QTLR 101	Quantitative Techniques and Logical Reasoning- I (VALUE ADDED COURSE)	2				1
TOTAL		27				24

#### P116 MC 101: FINANCIAL REPORTING AND ANALYSIS

#### **Objectives:**

- 1. To orient the students about annual report and financial statements.
- 2. To impart knowledge on reporting of financial information in statements in adherence to the mandatory requirement.
- 3. To make understand the disclosure requirements for enabling eliciting of information for decision making.
- 4. To impart skill on analysing financial statements.

#### Module 1:

#### ORIENTATION TO ANNUAL REPORT AND FINANCIAL STATEMENTS

Annual Report – Contents of Annual Report and Purpose of each item; Financial Statements - Meaning, Purpose and Format of Income Statement, Balance Sheet and Notes to Accounts IND AS per Schedule III of Companies Act, 2013;

Environmental Reporting and Corporate Social Reporting.

#### Module 2:

#### ACCOUNTING CONCEPTS, CONVENTIONS AND STANDARDS - I

**Accounting Concepts**: Income Statement Concepts and Balance Sheet Concepts; Accounting Conventions.

**Accounting Standards:** Accounting Standard (IND AS) 1 – Presentation of financial statements, (IND AS) 2-<u>Inventories</u>, (IND AS) 8- Policies, Changes in Accounting Estimates and Errors, (IND AS) 10 Events after the Reporting Period, (IND AS) 16 Property, Plant and Equipment, (IND AS) 18 Revenue.

#### **Module 3:**

#### ACCOUNTING CONCEPTS, CONVENTIONS AND STANDARDS – II

(IND AS) 21- Effects of changes in Foreign Exchange, (IND AS) 23 Borrowing Costs, (IND AS) 24- Related Party Disclosures, (IND AS) 17 Leases, (IND AS) 33- Earnings Per Share, (IND AS) 12 Income Taxes, (IND AS) 34 – Interim Financial Reporting, (IND AS) 38- Intangible assets, (IND AS) 36 - Impairment of assets, (IND AS) 37 - Provisions, Contingent Liabilities and Contingent assets, (IND AS) 40- Investment Property,

#### **Module 4:**

#### **Ind IND AS AND IFRS**

Implementation and Applicability in India, List of Ind IND AS [Indian Accounting Standards] issued on date - International Accounting in Current Scenario – List of International Financial Reporting Standards. Difference between Companies Accounting Standard Rules, 2006 and IND IND AS.

#### Module 5:

#### ANALYSIS OF FINANCIAL STATEMENTS

Meaning and Purpose of Financial Statement Analysis; Tools and Techniques of Financial Statement Analysis – Ratio Analysis, Cash Flow Analysis, Prospective Analysis.

#### **REFERENCE BOOKS:**

- 1. Wild, Subramanyam and Halsey, "Financial Statement Analysis", Tata Mc Graw Hill
- 2. Vijaykumar MP, "First Lessons in Financial Reporting", Snow White.
- 3. Vijaykumar MP, "First Lessons in Accounting Standards", Snow White.

#### P115 MC 102: ADVANCED FINANCIAL MANAGEMENT

#### **Objectives:**

To develop the knowledge and skills expected of a finance manager, in relation to investment, financing, and dividend policy decisions.

#### Module 1:

**Financial Management Function** – The nature and purpose of financial management, Financial objectives and relationship with corporate strategy, Stakeholders and impact on corporate objectives, Financial and other objectives in not-for –profit organizations.

**Financial management environment** – The economic environment for business, The nature and role of financial markets and institutions, The nature and role of money market.

**Time value of Money** – present value, future value, discounting, compounding and annuity.

#### **Module 2:**

**Source of Finance-** Sources of, and raising business finances, Estimating the cost of capital, Sources of finance and their relative costs, Capital Structure theories and practical considerations, Finance for small and medium sized entities, ADRs & GDRs.

#### Module 3:

**Risk and Return -** Capital market theory – single asset and expected return and risk, portfolio theory and assets pricing models – 2 assets case, minimum variance portfolio, efficient portfolio and mean variance criterion, capital asset pricing model (CAPM), beta estimation and cost of equity.

#### Module 4:

**Investment Appraisal** - Investment appraisal techniques, Allowing for inflation and taxation in investment appraisal, Adjusting for risk and uncertainty in investment appraisal, Specific investment decisions (lease or buy; asset replacement, capital rationing), projects with different lives, investment timing and duration, risk analysis in capital budgeting.

#### Module 5:

Capital Markets in India & Capital Market Efficiency—introduction, capital market efficiency, forms of capital market efficiency, primary and secondary markets in India, role of capital markets in merchant banking.

- 1. Prasanna Chandra, Financial Management, TMH
- 2. Khan and Jain, Basic Financial Management, TMH
- 3. S Bhat, Financial Management, EB
- 4. James Van Horne and John Wachowicz, Financial Management, Pearson
- 5. Brigham & Houston, Fundamentals of Financial Management, Thomson
- 6. Paresh P Shah, Financial Management, Biztantra
- 7. Prasanna Chandra, Fundamentals Financial Management, TMH
- 8. John Wild, Subramanyam & Robert Halsey, Financial Statement Analysis, TMH

#### P115 MC 103 - INTERNATIONAL BUSINESS ENVIRONMENT

#### **Objectives:**

- 1. To familiarize the students with the concepts, functions and practices of international business.
- 2. To enable them get global perspective on issues related to business.

#### Module 1:

**Nature of International Business (IB)** - Drivers of International Business, Comparison of IB and Domestic Business, Routes of globalization, Players in International Business.

Theories of international trade, Concepts on international trade: classical, factor endowment factor price equalization terms of trade, new trade theories

#### Module 2:

**International Business Environment** - Unipolar world: US hegemony over the global economy - The global economic performance: The US slowdown – The recession in the Japanese Economy

**Socio-cultural environment,** Significance, Religion, Language, Education, Aesthetics, Attitudes, Culture, Cross cultural literacy, Managing Diversity, Strategy, Compatibility, Social Responsibility of Business.

#### Module 3:

**International Trade** – Licensing, Franchising, Joint Ventures, Electronic Commerce – International Sale Contracts – Imports – Exports – Customs – International Carriage – Restrictions in trade – Dispute resolution mechanisms.

#### Module 4:

**Trade and Development** - Developing Countries Free Trade Versus Protection Debate, Quota Tariff other Methods of Restricting Trade, an overview of Gains from Trade, FDI, MNC, FII-Labour Migration, Outsourcing Technology Transfer International Cartel, Need and Problems

**Trade Liberalization** – Process of Globalization. overview and Principles of GATT, WTO. Provisions AGRI, MFA, TRIMS TRIPS, GATS, Relevance to Developing Countries. Trading Blocks: Impacts – Levels of Integration

Agreements on Subsidies and Countervailing Measures (SCM)- Anti-Dumping Measures-

#### Module 5

**International Payment Mechanisms** – Letters of Credit (LC) – DA – DP (UCPDC & URC of ICC) – FEMA – Double Taxation Agreements (DTA) – FDI – Laws and Regulations.

- 1. Charles W Hill: International Business, TMH Publishing Company Ltd.
- 2. Darrell Mahoney: International Business, Longman, 1998.
- 3. Donn Ball & Wendell Mcculloch: International Business, Irwim McGraw Hill, 1999.
- 4. John D. Daniels & Lee Radfaugh: International Business, Pearson 2003.
- 5. John. J. Wild (et al): International Business, Prentice Hall of India, 2003.
- 6. Michael Zinkata (et al): Global Business, Dryden Press 1988.
- 7. Richard M. Schaffer (et al): International Business Law and its environment, Thomson 2002.
- 8. WTO Annual Reports, Geneva.
- 9. WTO, Overview of Developments in the International Trading Environments, Annual report by the Director General WTO, Nov. 22, 2000.
- 10. The International Business Environment Sundaram & Black Prentice Hall.
- 11. World Resources & Trade Khanna & Gupta.
- 12. International Trade Law & Practice Motiwal & Awasthi.
- 13. Legal Environment Today Miller & Roger Leroy.

#### P115 AR 101 – BUSINESS INFORMATION SYSTEM

#### **Objectives:**

To equip students with knowledge and skills of information system needed to succeed in any work place. This programme focuses on new generation information system specially e-commerce with importance to EDI, EPS, Internet Applications.

#### Module 1:

Management Information System, Importance of a System & IT – Importance, functions, characteristics, evolution of MIS, implementation issues, MIS resistance, System approach. Need for MIS, advantages, disadvantage, Event in MIS, management and Decision-making. Definition of a system-Types, Establishing the type of Information needed by the management, Information System (IS) – Data and information, Knowledge, Intelligence, Classification, Components, Information Support for Functional areas of Management, Impact of business and Information system, Information technology (IT), IT vs. IT. System Development Life Cycle—Basics-Methodology-Water fall Approach, Role of Accountants in SDLC.

#### **Module 2:**

**Information System Audit** – Objectives of Information System Audit, Maintenance of System effectiveness, Ensuring System Efficiency, Information System Audit Approached, Information System Audit Methodology, Broad Frame Work for Conducting IS Audit- Planning of Information Systems Audit.

#### Module 3:

**Communication Technology & Electronic Data Interchange** – Telecommunication, Computer Networks, Internet, internet architecture, intranet, extranet. What is EDI -Internet EDI, Value added networks, Financial EDI,

#### **Module 4:**

**E-Commerce and Transaction Processing Systems**: Evolution – Role- Elements of e-commerce application, conceptual framework - categories - e-commerce consumer application. E-commerce in internet, e-commerce using e-mail, technology behind the web. E-Commerce framework – E-commerce application framework, Security Techniques for e-com. - Need of security in e-commerce, Cryptography techniques, digital signatures and certificates, virtual private network. Transaction Processing Systems, M Commerce

#### Module 5:

**Publishing on the Web and Security** – Web Publishing, Learning HTML, Multimedia Security – Security Life Cycle, Information Technology and IT enabled services, SOHO infrastructure, the BPO and KPO infrastructure

#### **Module 6:**

**Business Continuity Planning and Disaster Recovery Planning -**Meaning-Objectives-Methodology-Eight Phases in Developing BCP-Types of Plans-Threats-Different back up techniques-Alternate Processing Sites.

- 1. Agarwala K. N. & Deeksha Agarwala: Business on the Net, Bridge to the online store front, MacMillan, New Delhi.
- 2. Diwan Parag & Sunil Sharma: Electronic Commerce, A Manager Guide to E-Business, Vanity Books International, Delhi.
- 3. Gordan B Davis: Management Information Systems, McGraw Hill International.
- 4. Kalakota Ravi & A. B. Whinston: Frontiers of Electronic Commerce, Addison Wesley.
- 5. Lauden & Lauden: Management Information Systems, Prentice Hall of India, New Delhi.
- 6. Martin J: Management Information Systems, Prentice Hall of India.
- 7. Murthy C V S: E-Commerce, Himalaya Publishing House.
- 8. Murthy C V S: Management Information System, Himalaya Publications.
- 9. O'Brien James: A Management Information Systems, Tata McGraw Hill, New Delhi.
- 10. Sadagopan S: Management Information Systems, Prentice Hall of India.
- 11. Schneider Gary P: Electronic Commerce Course, Technology Delhi.
- 12. Watson R T: Electronic Commerce, Strategic Perspective, Dryden Press.
- 13. Young Margaret Levine: Complete Reference to Internet, TMH.

#### P115 AR 102: RESEARCH METHODOLOGY

#### **Objectives:**

- 1. To familiarise students with concepts, tools and techniques of Business Research
- 2. To enable students to take up research / consultancy projects and handle them independently

#### Module 1:

**Research**- Meaning, Purpose, Scientific method, Types of Research; Scope of Business Research. Terms, concepts and Definitions used in Research Methodology, Variables and parameters. The Research Process. MRQH;

#### **Module 2:**

**Review of Literature**- Need, Purpose, Notes taking. Research Gap, Research Problem, E-Resources and their usage – useful websites for Management research - Search Engines – Important Web Sources: CSO, NSSO, RBI, World Bank, ILO, IIM, ICSSR, NCAER, INFLIBNET, CMIE, India Stat, Open access Journals, Research Institutes Repository etc.

#### Module 3:

**Research Design-** Meaning, nature, process of preparation, components of Research Design. Sampling Techniques: Sampling methods, Concept of Sampling Distribution.

#### **Module 4:**

**Data-** Sources of data, Methods and tools of Data collection; Observation, Mailing; Interviews and Schedules, Questionnaires, Scales and Rating, Sociometry, Pilot study. Processing of data; checking, editing, coding, transcription, tabulation, preparation of tables, graphical representation.

#### **Module 5:**

**Formulation of Hypothesis**-Testing of hypothesis; Confidence Intervals, Standard Error, Uses of z, t and Chi-square tests. Analysis of data; Statistical techniques and their uses.

#### **Module 6:**

**Report Writing-** Planning report writing work: Target audience, Types of report, Synoptical outline of chapters; Research Proposals; Steps in drafting dissertations. Bibliography- Citation- Impact Factor. Editing features-Formatting Text, Aligning paragraph and page size, Tab settings. Research presentation layout.

Funding Agencies in Social Science Research: UGC, ICSSR, Planning Commission.

#### **Evaluation method:**

Internal Mark – 50\* External Mark - 50

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- 1. Practical Research Paper presentation at departmental level.
- 2.Each Module has practical testing like a) how to identify problem b) how to design research proposal c) sample design d) review of literature preparation e) reference citation.

#### **BOOKS FOR REFERENCE:**

- 1. "Business Research Methods" Donald R. Cooper & Pamela S. Schindler, 2006. Tata McGraw-Hill.
- 2. "Methodology of Research in Social Sciences" O.R. Krishnaswamy & M. Ranganatham, 2008. Himalaya Publishing House.
- 3. Israel .D. Data Analysis in Business Research: A step by-step Nonparametric Approach, Sage Publications, New Delhi.
- 4. "Research Methodology: Methods and Techniques" C. R. Kothari, 2008. New Age International Publishers.
- 5. "Methodology and Techniques of Social Research" P. L. Bhandarkar & T.S. Wilkinson, 2009. Himalaya Publishing House.
- 6. "Business Research Methods" Alan Bryman & Emma Bell, 2008. Oxford University Press India Edition.
- 7. "Business Research Methods" William G. Zikmund, 2009. Cengage Learning India edition.
- 8. Business Research: A Practical Guide for Undergraduates & Postgraduates "Jill Collis & Roger Hussey, 2009. Palgrave Macmillan India.
- 9. "Research Methodology A Step-By-Step Guide for Beginners" -- Ranjit Kumar, 2008. Pearson Education.
- 10. SPSS 17.0 for researchers-Dr.S.L.Gupta & Hitesh Gupta, International Book House Pvt Ltd, Mumbai.
- 11. Working papers on management research.
- 12. Research Articles from peer reviewed Journals.

#### Websites

www.googlescholar.com www.doaj.org www.eric.ed.gov www.ssrn.com

#### P115 AO 101: BASIC SKILLS IN COUNSELLING

#### **Objectives:**

- 1. To train students who will be available in the community, to reach out to those who need help.
- 2. To give the students an overview about counseling, which might help them in making a decision in dealing with their students, identification of problems among students and the ability to make referrals
- 3. To give the students opportunity for self/personal growth.

#### **Module 1:**

Meaning & Definition of Counseling, Qualities of a Counselor: Self-Awareness, Counseling situations, Different modes of Counseling: Individual, Group, Family, Tel,E-Mail, Ethical issues in Counseling

#### Module 2:

Rapport Building, Attending Skills, Observation Skills, Questioning Skills, Positive Asset Search

Encouraging, Paraphrasing and Summarizing, Reflection Feeling/Empathy, Emotions: Identification, expression, regulation

#### Module 3:

Case history taking, Structuring a session, Self Esteem.

Person-Centred Theory - Core Conditions of Counseling, Psychoanalytic Theory : Unconscious, Defense Mechanism

#### **Module 4:**

Theory of Psycho-social development, Behavioural Theories: Classical & Operant Conditioning and it's application

#### Module 5:

CBT identification: A-B-C, Assertiveness training, Peer Pressure. Anxiety, Depression, Suicide.

#### **Module 6:**

Boundaries as a teacher, referral skills, Stress and Stress Management Techniques & Work Life Balance

**Evaluation** 

- 1. Bond, T. (1997). Standards and ethics for counsellors in action. New Delhi: Sage.
- 2. Cormier, S. & Cormier, B. (1998).Interviewing strategies for helpers (4<sup>th</sup>edn.). Pacific Grove, CA: Brooks/Cole.
- 3. Corey, G (2009). Theory and practice of counselling and psychotherapy ( $8^{th}$ edn.). Pacific Grove, CA: Brooks/Cole.
  - 4. Egan, G. (1994). The skilled helper (5thedn.). Pacific Grove, CA: Brooks/Cole.
  - 5. Ivey, A.E. & Ivey, M.B. (2003).Intentional interviewing and counselling (5<sup>th</sup>edn.). Pacific Grove, CA: Brooks/Cole.
  - 6. Shertzer, B. & Stone, S. C. (1980). Fundamentals of counselling. Boston: Houghton Mifflin .

#### P117 AO 112: HEALTH CARE MANAGEMENT FOR PG STUDENTS

#### **Objectives**

This course aims to provide an overview of different Health Care Systems. The course is experiential in nature and empowers the learner to take care of personal health and help others in the family and society, at large to preserve health and prevent disease, through evidence based knowledge.

The course is organized around a number of lectures, readings& discussions, video sessions, guest lectures, and a required assignment/project work.

Whether you have little to no healthcare education or experience, or you're health conscious person looking for an edge, our course/program is for you.

#### Module 1:

**Health Care** – Around the world, we find public health crises. We urgently need to explore innovative strategies for promoting Health care.

- Definitions
- Current scenario in India and around the world
- Responsible institutions in India for Health Care
- Current issues and challenges in the health care system.

#### Module 2:

#### Conventional healthcare system & complementary health care systems

- Conventional healthcare, its benefits
- Need for alternate Health care systems and their benefits
- How to complement conventional and complementary health care systems to get best of East & West

#### Module 3:

**Food & Nutrition** –The relationship between nutrition and health is a key focus of this module. This module will shift the focus away from reductionist discussions about nutrients and move, instead, towards practical discussions about real food and the environment in which we consume it. By the end of this module, students will have the tools they need to distinguish between foods that will support their health and those that threaten it.

- Functions and food sources of macro and micronutrients.
- Healthy meal & its composition practice
- Role of nutrition in health

- The psychological reasons we are drawn to unhealthy foods that do not support health
- Understand the state of nutrition and reflect on your personal health
- Role of nutrition in the development of chronic and degenerative diseases
- Diet and weight loss
- Trend diet topics like: gluten-free, low-carb, high fat, high protein, vegan etc.

#### Module 4:

**Nature Cure** –It is a form of health care based on the belief that the body has an innate healing power that can establish, maintain and restore health when it is in a healthy environment.

- Health & Disease
- Principles of NC
- Tenets of NC
- 5 elements of Nature
- Diet according to Nature Cure practice

#### Module 5:

**Yoga** –Modern-day science confirms that the practice of yoga has noticeable physical health benefits of stronger body, calmer mind and reduced stress. Mainstream medical practices are using yoga therapy, as growing research shows how it improves overall health and vitality. Hospitals are adding yoga therapeutics as part of their complementary approaches to health care.

- Definitions, Philosophy and theory
- Practicals Asanas, Pranayama, Yoga Nidra and relaxation techniques
- Therapy

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#### **Module 6:**

Brief discussions on Ayurveda & other Indian systems –Guest lectures from experts in the field

- Ayurveda 2 hrs
- Homeopathy 2hrs
- Age old Home remedies 2hrs discussions

#### P117 AM 101: Data Science: Visualization

#### **Objective:**

The objective is to make use of data schematically in segregating, sorting the overall database and be of help to the top management in taking appropriate decision. The GAP Analysis can easily be set and fine-tuned in accordance to the scope of the project with reference to the Visualization concepts.

#### Module 1:

**Introduction to Data Visualization and Distributions -** Introduction to Data Visualization Introduction to Distribution | Quantiles, Percentiles, Boxplots

#### **Module 2:**

**Introduction to ggplot2 -** Basics of ggplot2 | Graph Components Creating a Plot| Customizing plots

#### Module 3:

**Summarizing with dplyr-** The dot place holder | Group by Sorting data tables

#### **Module 4:**

**Gap Minder -** Introduction to Gap minder | Using the Gap minder dataset

#### Module 5:

**Data Visualization Principles**–Encoding Data using Visual Cues | Do not distort quantiles | Use common Axes| Slope Charts

- 1. **Python Data Visualization Cookbook -** Paperback Import, 30 Nov 2015 by <u>Igor Milovanovic</u> (Author), <u>Dimitry Foures</u> (Author), <u>Giuseppe Vettigli</u> (Author)
- 2. Expert Data Visualization (English, Paperback, JosDirksen)



#### P115 MCE 101: MANAGERIAL COMMUNICATION – I

#### Objectives:

The proposed course is conceptualized to impart knowledge and skills essential for managers to achieve success in today's business environment. The course is an attempt to equip students with the real business communication concepts and build skills that are necessary for professional leadership

#### Module 1:

**Foundation Of Management Communication:** Importance of Communication Concepts and Dimensions; Forms of Communication; Process of Communication: Different Stages; Introduction, Barriers and Gateways in Communication; Difference between Oral and Written Communication, Listening and Feedback; Communicating in teams.

#### **Module 2:**

**Effective Oral Communication: (Large Group Communication)** Demonstrate Improved persuasion skills and Influencing skills, Negotiation Skills, , Public Speaking, and Presentation Skills.

#### Module 3

**Business Writing And Creative Expression: (Commercial Communication) -** Routine /Business/Sales Letter, Proposal writing, Report writing, Content writing Brochures, Flyers, News Letter

#### **Module 4:**

Mastering Listening Skills/Non Verbal Communication/ Interpersonal Skills - Understanding Listening Process, Overcoming Barriers to Effective Listening, Recognizing Different Types of Listening, Note Taking, Using Non verbal Communication Effectively. Communication for Giving and Receiving Constructive Criticism and Conflict Resolution.

#### Module 5:

**Business Vocabulary:** Fundamentals Of Executive English, Errors Analysis, Punctuation and Global English.

#### Methodology

Role-Plays, Cases, Lectures, Individual & Group Exercises, Films, Presentations by Students and Videos

#### **Evaluation**

Quiz, Assignments & Presentation - 50% End Term Exam 50%

- 1. <u>Essentials of Business Communication</u>, 6th Edition, Mary Ellen Guffey, South-Western College Publishing, 2003.
- 2. <u>Excellence in Business Communication</u>, 8th Edition, Thill, John V., Courtland L. Bovee Prentice Hall, 2007.
- 3. <u>Business Communication</u>, 2nd Edition, Prof. Dr. Asha Kaul, PHI Learning P.Ltd., 2009.
- 4. <u>Secrets of Face-to-Face Communication</u>, 1st Edition, Peter Bender & Dr. Robert Tracz, Macmillan India, 2007.
- 5. Soft Skills, 1st Edition, Prof. Dr. K. Alex, S. Chand & Co. Ltd., 2009
- 6. <u>Personal Development</u>, All-in-One, 1st Edition, Edited by: Gillian Burn, Wiley India, 2009
- 7. <u>The Economist: Style Guide</u>, 9th Edition, Profile Books, Indian Edition: Viva Books, 2009

# P115 QTLR 101: QUANTITATIVE TECHNIQUES AND LOGICAL REASONING- I

Module I : Work and Rate Problems

Module II : Geometry

Module III : Permutation and Combination

#### **BOOKS FOR REFERENCE:**

1. Quantitative Attitude by R.S.Agarwal, Chand Publisher.

2. Verbal and non verbal reasoning by R.S. Agarwal, Chand Publications

