



ST. CONRAD'S INTER COLLEGE

(Affiliated to the Council for the Indian School Certificate Examinations, New Delhi)

Sikandra P.O. Agra - 282007 , U.P. Ph: 0562-2605101, 7060416370

Email : conradsagra@yahoo.com, contact@conrads.in

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BIOLOGY SYLLABUS

Ch 1 :- Reproduction in Organism

Ch 2 :- Sexual Reproduction in Flowering Plant

Ch 3:- Human Reproduction

Ch 4:- Reproductive Health

Ch 5 :- Elements of Heridity and Variations

Ch 6 :- Genes and Chromosomes

Ch 7 :- Mutation

Ch 8:- Genetic Material ,Genetic Code and Protein Synthesis

Ch 9:- Gene Expression and Regulation

Ch 10:- Origin of Life

Ch 11:- Evidences of Biological Evolutions

Ch 12:- Theories and Mechanism of Evolution

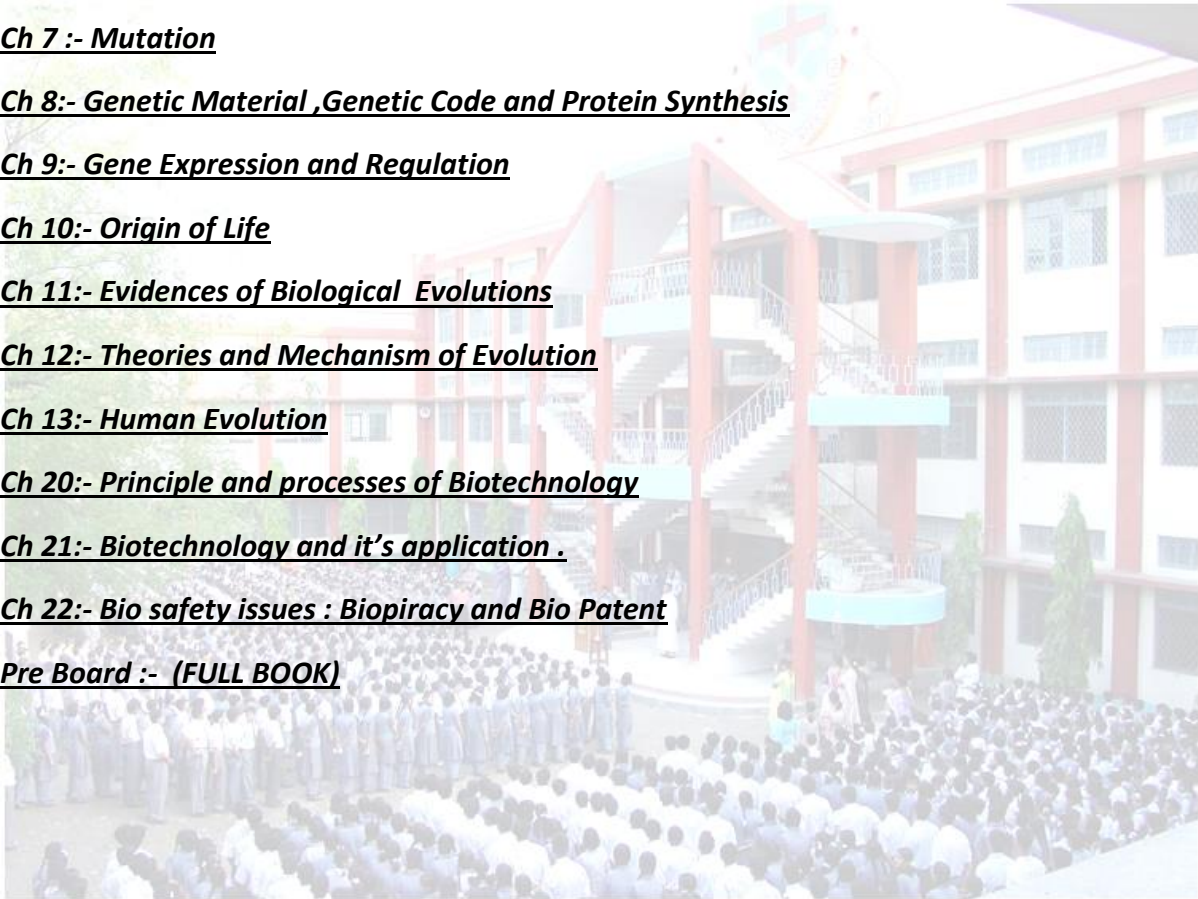
Ch 13:- Human Evolution

Ch 20:- Principle and processes of Biotechnology

Ch 21:- Biotechnology and it's application .

Ch 22:- Bio safety issues : Biopiracy and Bio Patent

Pre Board :- (FULL BOOK)





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BIOTECH

FIRST TERM

Ch 1 :- Nucleic acid and their Estimation

Ch 2:- Central Dogma of life and Protein Synthesis

Ch 3:- Introduction to Gene Cloning and Genetic Engineering

Ch 4:- Innovation in Biotechnology

Ch 6:- Gene Analysis Techniques

Ch 12:- Bio Informatics

Ch 13:- Genomics

Ch 14:- Proteonomics

Pre Board :- (FULL BOOK)

Chemistry syllabus

Ist term syllabus

Ch 1 Solid state

Ch 2 Solutions

Ch 5 Surface chemistry

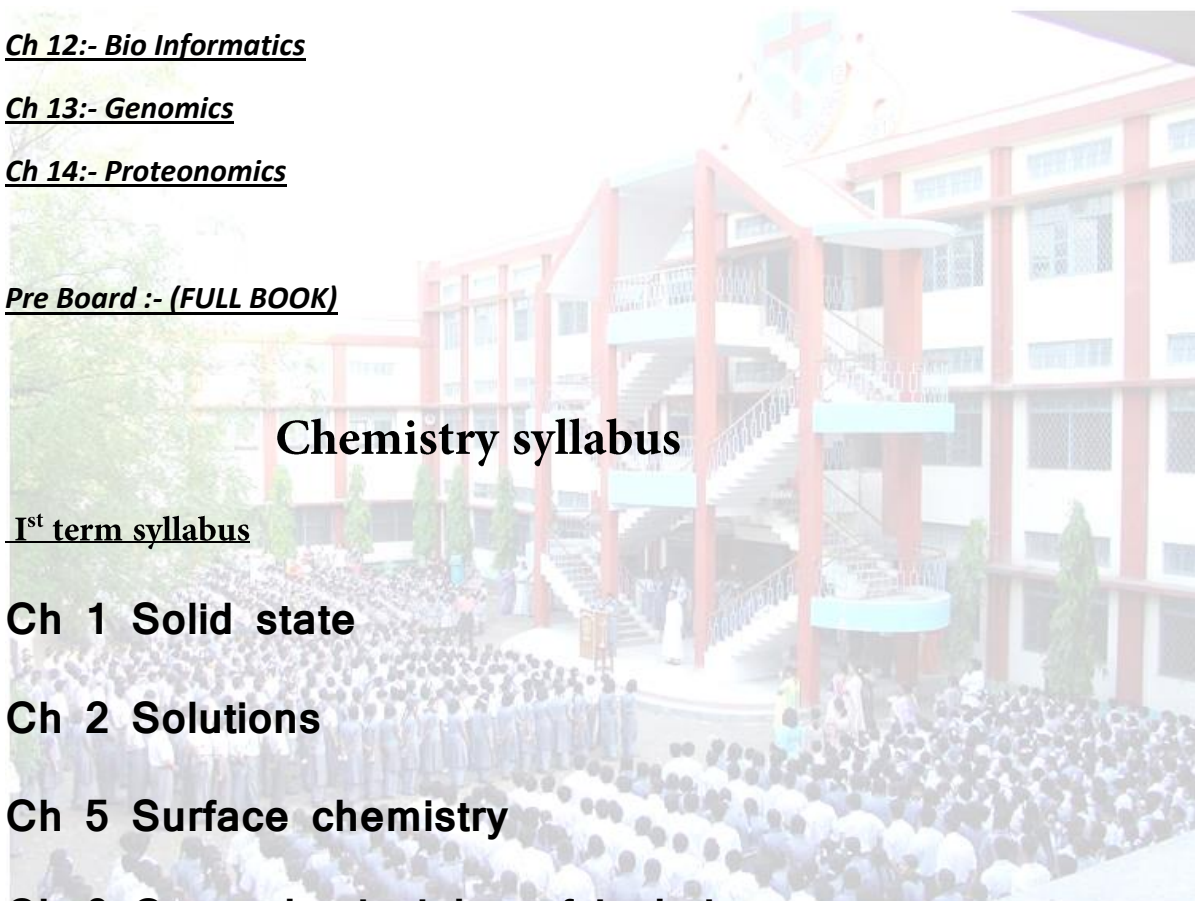
Ch 6 General principles of isolation

Ch 7 p block elements

Ch 10 Halo alkanes and haloarenes

Ch 15 Polymers

PRE BOARD SYLLABUS





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Ch 3 Electrochemistry

Ch 4 Chemical kinetics

Ch 8 d & f block

Ch 9 Coordination compounds

Ch 11 Alcohols and aldehydes

Ch 12 Ketones

Ch13 Compounds containing nitrogen

Ch 14 Biomolecules

+

Ist term syllabus

Computer syllabus

IST TERM

Ch 1 Boolean algebra

Ch 2 Computer hardware

Ch 3 Objects and classes

Ch 4 Java revision tour

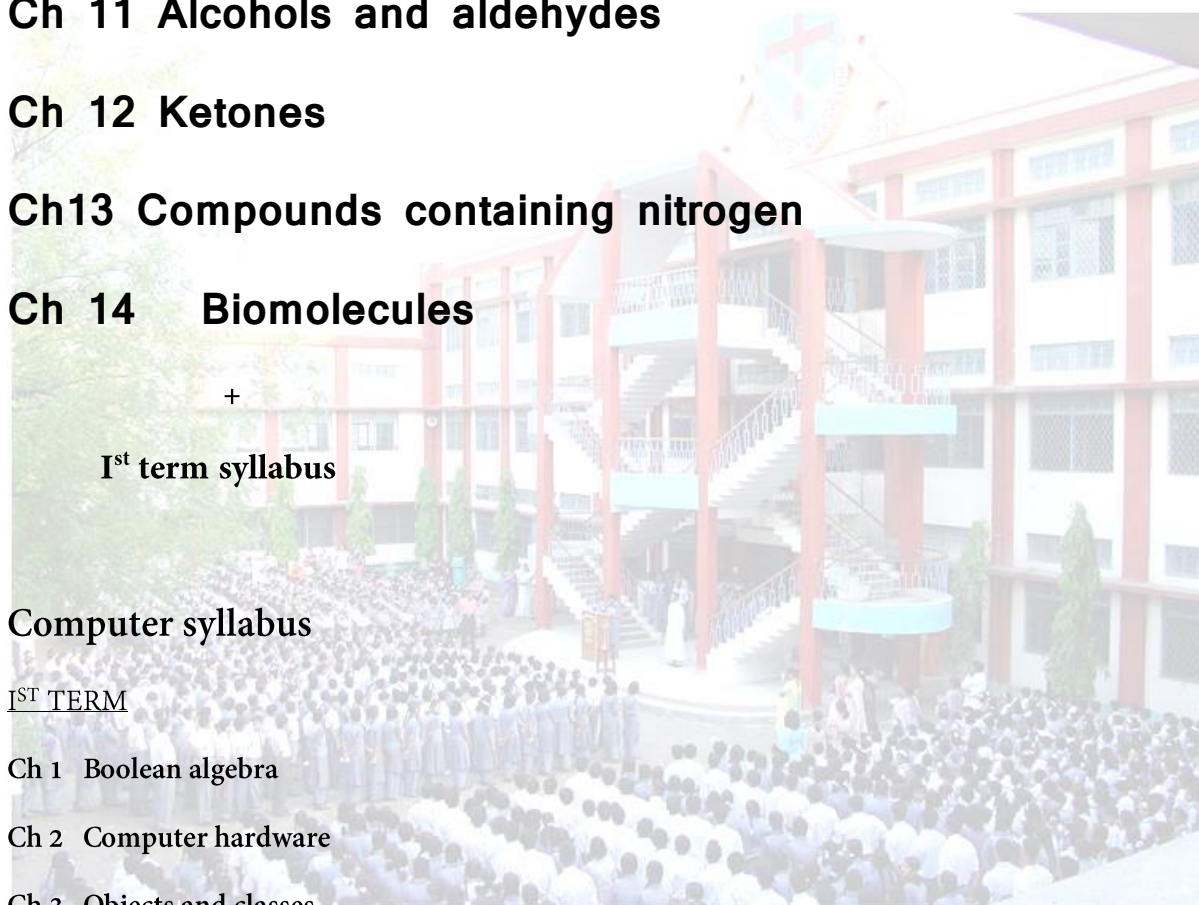
Ch 5 Primitive values, type casting and expressions

Ch 6 Statements, control structure and scope

Ch 7 Functions /methods

Ch 8 Array and strings

Ch 9 Compiling and running java programs





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Ch 10 Java classes an oop perspective

Ch 11 Recursion

Ch 13 Simple data structures

Ch 15 Computational complexity

PRE -BOARD

Ch 12 Concept of inheritance

Ch 14 Recursive data structures

+

1ST TERM SYLLABUS

ENGLISH LANGUAGE SYLLABUS

I-Term

Unit 1: Sections-A,B,C, D.

Unit 2:Sections-A,B,C, D.

Unit 3:Sections-A,B,C, D.

Unit 4:Sections-A,B,C, D.

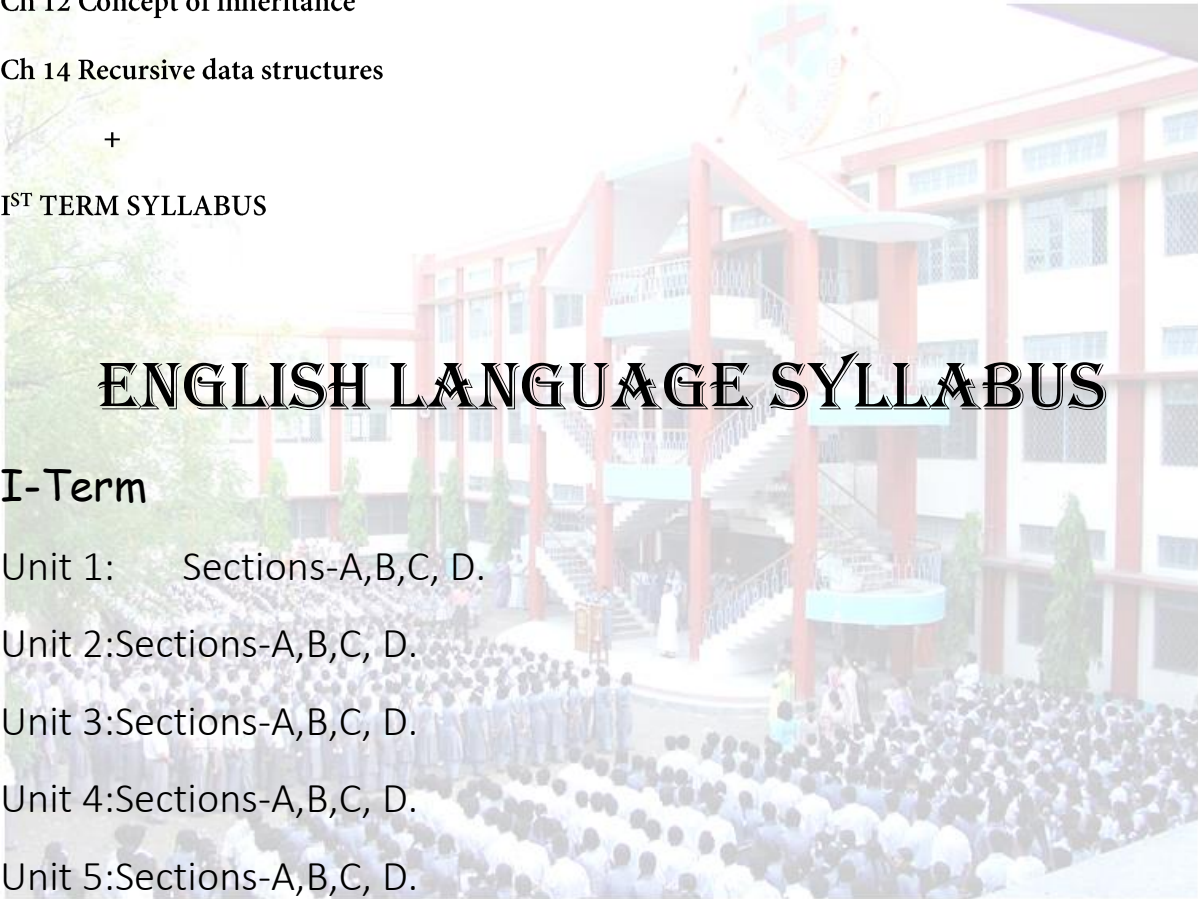
Unit 5:Sections-A,B,C, D.

Unit 6:Sections-A,B,C, D.

Unit 7:Sections-A,B,C, D.

Unit 8:Sections-A,B,C, D.

(Article,Speech, Personal profile, Proposal Writing +11thClass Syllabus)





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PRE - BOARD

Unit 9:Sections-A,B,C, D.

Unit 10: Sections-A,B,C, D.

Unit 11:Sections-A,B,C, D.

Unit 12: Sections-A,B,C, D.

Unit 13: Sections-A,B,C, D.

Unit 14: Sections-A,B,C, D.

Unit 15:Sections-A,B,C, D.

(Testimonial, Review of Theatre, Concert and T.V. show Review, Statement of Purpose +1st term+11th class Syllabus)

ENGLISH LITERATURE SYLLABUS

Contemplations:

I-Term

Ch-1 Dream children

Ch-3 On going out for a Walk

Ch-4 Gifts

Ch-5 On the Decay of Art of Lying

Ch-6 On the art of Living with Others

Ch-8 On the Choice of a Profession

Ch-10 My Vision for India

PRE -BOARD



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Ch-2 The Voice of Humanity

Ch-7 Attitude

Ch-9 On Being Idle

(+ 1st Term Syllabus)

Reverie:

I-Term

Ch-1 The Darkling Thrush

Ch-2 Birches

Ch-3 The Dolphins

Ch-4 The Gift of India

Ch-5 Crossing the Bar

Ch-6 John Brown

Ch-7 Desiderata

Ch-9 The Spider and the Fly

PRE -BOARD

Ch-8 Dover Beach

Ch-10 We are the Music Makers

(+1st Term Syllabus)

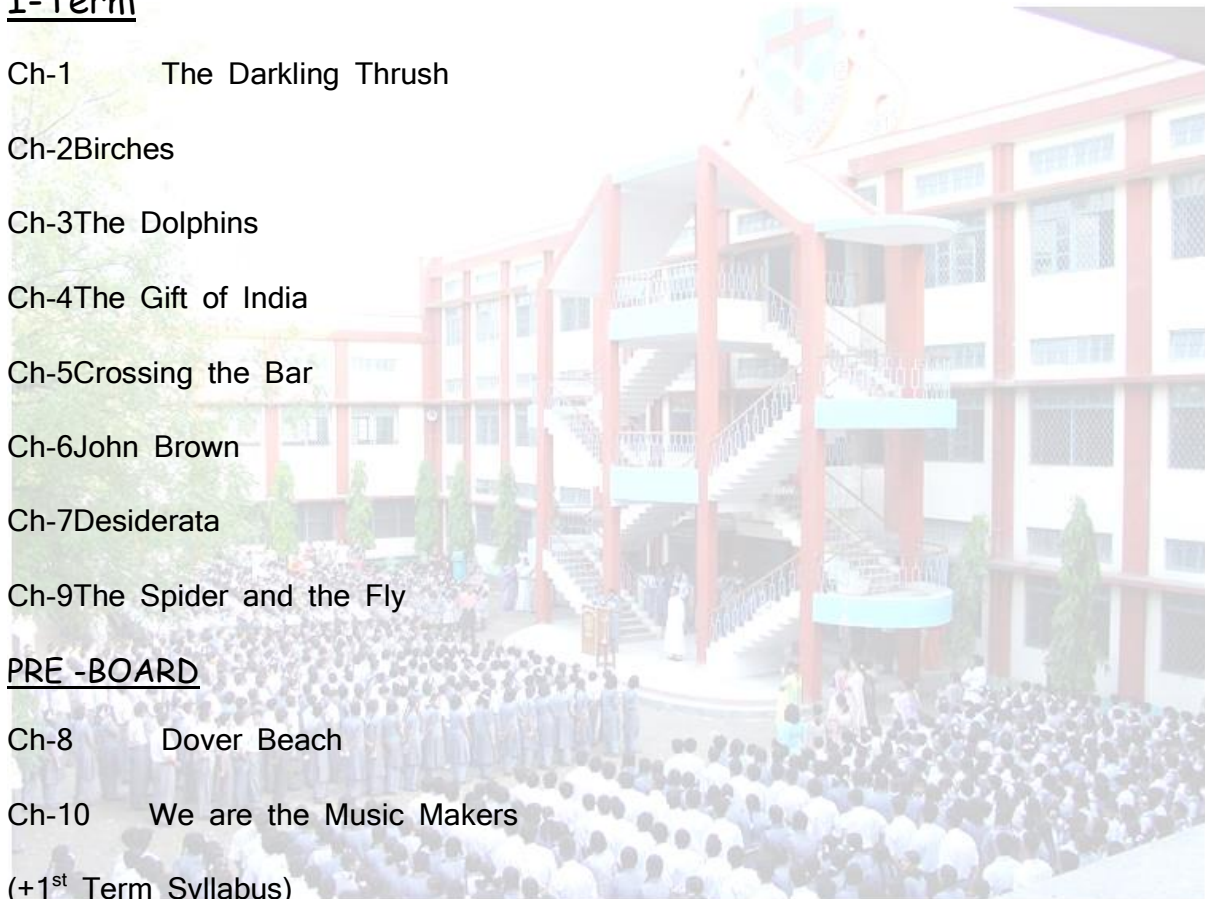
Candida:

I-Term

Page No. 90-115 (+Class 11th Syllabus)

PRE -BOARD

Page No.32-140





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HINDI

Ch 1:- Putra Prem

Ch 2:- Gauri

Ch 3:- Shardagat

Ch 4:- Sati

Ch 5:- Out Sider

Ch 6:- Daasi

Ch 7:- Kya Nirash Hua Jaun?

Ch 8:- Bhaktin

Kavya Manjari

Ch 1:- Sakhi

Ch 2:- Bal Leela

Ch 3:- Ek Phool Ki Chah

Ch 4:- Ah Dharti kitna deti hai

Ch 5:- Nadi Ke Dweep

Ch 6:- Tulsidas

Ch 7:- Jaag Tujhko Door Jana Hai

Ch 8:- Oodmi Nar

Vyakaran

Apatith Gadyansh

Nibandh

Muhavre

Lokoktiyan

Ashudh Vakyon Ko Shudh Karein

Ashadh Ka Ek Din

Ank 1

Ank 2

Pre Board - (FULL BOOK)





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Physical Education

Syllabus

First Term

Chapter 1 - Sociological Aspects of Physical

Education

Chapter 2 -Training Methods

Chapter 4 - Competitions & Tournaments

+

Any two games

Preboards

First term

+

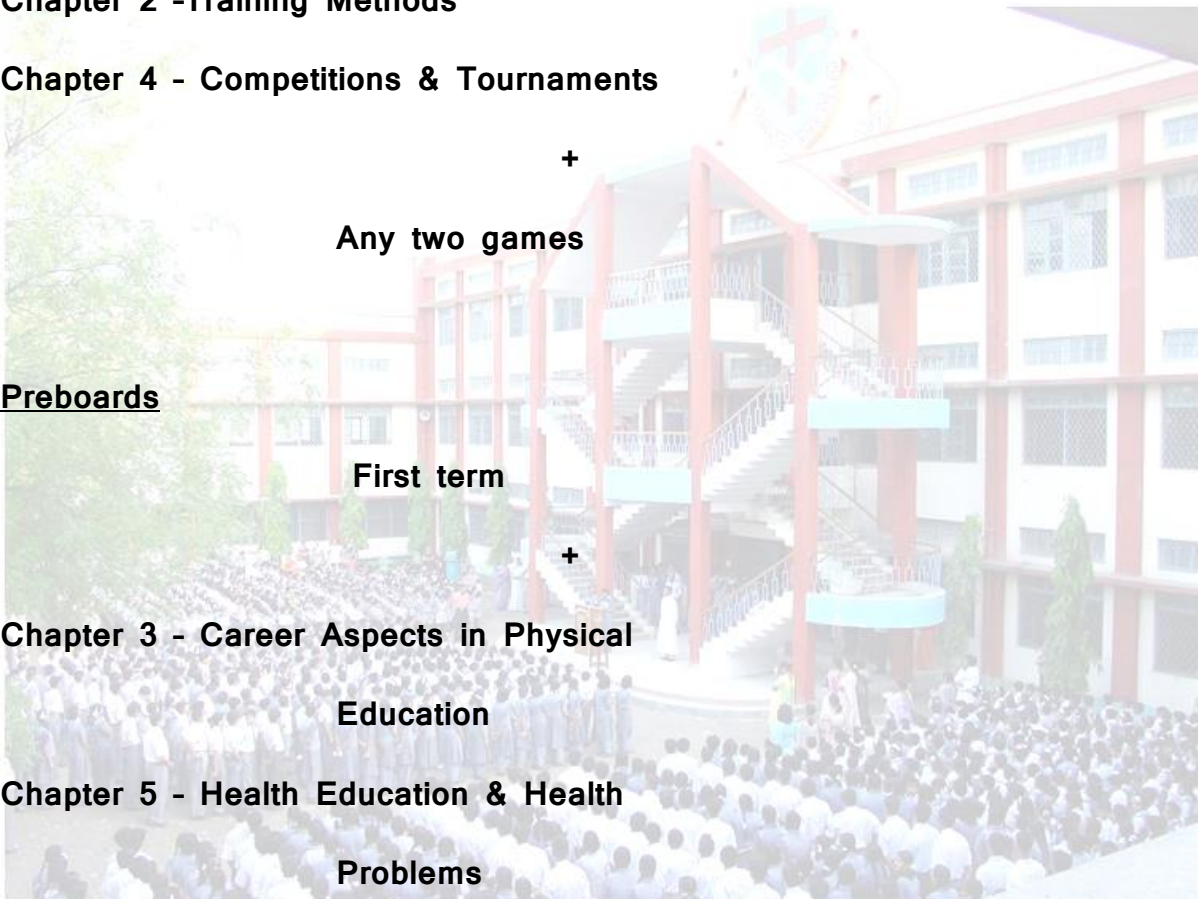
Chapter 3 - Career Aspects in Physical

Education

Chapter 5 - Health Education & Health

Problems

Chapter 6 - Sports Injuries & First Aid





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ACCOUNTS SYLLABUS FOR THE SESSION 2019-20

FIRST TERM EXAMINATIONS

CHAPTER 1- ACCOUNTING FOR PARTNERSHIP FIRM – FUNDAMENTAL

CHAPTER 2- GOODWILL: CONCEPT AND VALUATION

CHAPTER 3-ADMISSION OF A PARTNER

CHAPTER 4- RETIREMENT OR DEATH OF A PARTNER

CHAPTER 5- DISSOLUTION OF PARTNERSHIP FIRM

CHAPTER 9- FINANCIAL STATEMENTS OF COMPANIES

+ 1 PROJECT

PRE-BOARDS

CHAPTER 6- COMPANY ACCOUNTS: ISSUE OF SHARES

CHAPTER 7-COMPANY ACCOUNTS: ISSUE OF DEBENTURES

CHAPTER 8-COMPANY ACCOUNTS: REDEMPTION OF DEBENTURES

CHAPTER 10- TOOLS FOR FINANCIAL ANALYSIS: COMPARITIVE STATEMENTS

CHAPTER 11- COMMON SIZE STATEMENT

CHAPTER 12- CASH FLOW STATEMENT

CHAPTER 13-RATIO ANALYSIS

+ 1 PROJECT

+ 1ST TERM SYLLABUS





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COMMERCE SYLLABUS

1ST TERM-

CHAPTER 1- BUSINESS ENVIRONMENT

CHAPTER 2- CAPITAL FIXED AND WORKING

CHAPTER 3- SOURCES OF FINANCE FOR A JOINT STOCK COMPANY

CHAPTER 4- BANKING – LATEST TRENDS

CHAPTER 13- MARKETING CONCEPT AND FUNCTIONS

CHAPTER 14- MARKETING MIX

CHAPTER 15- CONSUMER PROTECTION

+ 1 PROJECT

PRE-BOARDS

CHAPTER 5- MANAGEMENT: MEANING,NATURE AND IMPORTANCE

CHAPTER 6- PRINCIPLES OF MANAGEMENT

CHAPTER 7- FUNCTIONS OF MANAGEMENT AND COORDINATION

CHAPTER 8- PLANNING

CHAPTER 9- ORGANISING

CHAPTER 10 – STAFFING

CHAPTER 11- DIRECTING

CHAPTER 12- CONTROLLING

+ 1 PROJECT

+ 1ST TERM SYLLABUS





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ECONOMICS SYLLABUS

1ST TERM-

CHAPTER 2- DEMAND AND LAW OF DEMAND

CHAPTER 3- THEORY OF CONSUMER BEHAVIOUR: MARGINAL UTILITY AND INDIFFERENCE CURVE ANALYSIS

CHAPTER 4- ELASTICITY OF DEMAND

CHAPTER 5- SUPPLY: LAW OF SUPPLY AND PRICE ELASTICITY OF SUPPLY

CHAPTER 6- MARKET MECHANISM: EQUILIBRIUM PRICE AND QUANTITY IN A COMPETITIVE MARKET

CHAPTER 12-THEORY OF INCOME AND EMPLOYMENT (NUMERICALS)

CHAPTER 13- MONEY: MEANING AND FUNCTIONS

CHAPTER 14- BANKS: COMMERCIAL BANK AND CENTRAL BANK

CHAPTER 15-BALANCE OF PAYMENT AND EXCHANGE RATE

CHAPTER 16- FISCAL POLICY

CHAPTER 17- GOVERNMENT BUDGET

CHAPTER 18- NATIONAL INCOME AND CIRCULAR FLOW OF INCOME

CHAPTER 20- METHODS OF MEASURING NATIONAL INCOME (NUMERICALS)

+ 1 PROJECT

PRE-BOARDS-

CHAPTER 7-LAWS OF RETURNS –RETURNS TO A FACTOR AND RETURNS TO SCALE

CHAPTER 8-COST AND REVENUE ANALYSIS

CHAPTER 9-FORMS OF MARKET

CHAPTER 10-PRODUCER'S EQUILIBRIUM

CHAPTER 11-DETERMINATION OF EQUILIBRIUM PRICE AND OUTPUT UNDER PERFECT COMPETITION

CHAPTER 12- THEORY OF INCOME AND EMPLOYMENT [THEORY]

CHAPTER 19- NATIONAL INCOME AGGREGATES

CHAPTER 20- METHODS OF MEASURING NATIONAL INCOME [THEORY]

+ 1ST TERM

+ 2 PROJECTS [ENTIRE SYLLABUS] BY ISC



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MATHS SYLLABUS FOR CLASS 12th

Ist Term Syllabus

Section A

Ch-1 Relations and Functions

Ch-2 Inverse Trigonometric Functions

Ch-3 Matrices

Ch-4 Determinants

Ch-10 Probability

Section B

Ch-1 Vectors

OR

Section C

Ch-3 Linear Programming

Pre-Boards Syllabus

Section A

Ch-5 Continuity and Differentiability

Ch-6 Indeterminate Forms

Ch-7 Applications of Derivatives

Ch-8 Integrals

Ch-9 Differential Equations

Section B

Ch-2 Three Dimensional Geometry

Ch-3 Applications of Integrals

OR

Section C

Ch-1 Application of Calculus in Commerce and Economics

Ch-2 Linear Regression

+ Ist term Syllabus





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PHYSICS SYLLABUS FOR CLASS 12th

Ist Term Syllabus

Ch-1 Electric Charges and Fields

Ch-2 Gauss Theorem

Ch-3 Electric Potential and Potential Energy

Ch-4 Capacitors and Dielectrics

Ch-5 Electric Resistance and Ohm's law

Ch-6 DC Circuits and Measurements

Ch-19 Wave Nature of Light: Huygens' Principle

Ch-20 Interference of Light

Ch-21 Diffraction of Light

Ch-22 Polarisation of Light

Ch-23 Photoelectric Effect

Ch-24 Matter Waves

Ch-25 X-Rays

Ch-31 Semiconductors

Ch-32 Junction Diodes

Ch-33 Junction Transistors

Ch-34 Logic Gates

Pre-Boards Syllabus

Ch-7 Moving Charges and Magnetism

Ch-8 Torque on a Current Loop: Moving-Coil Galvanometer

Ch-9 Magnetic Field and Earth's Magnetism

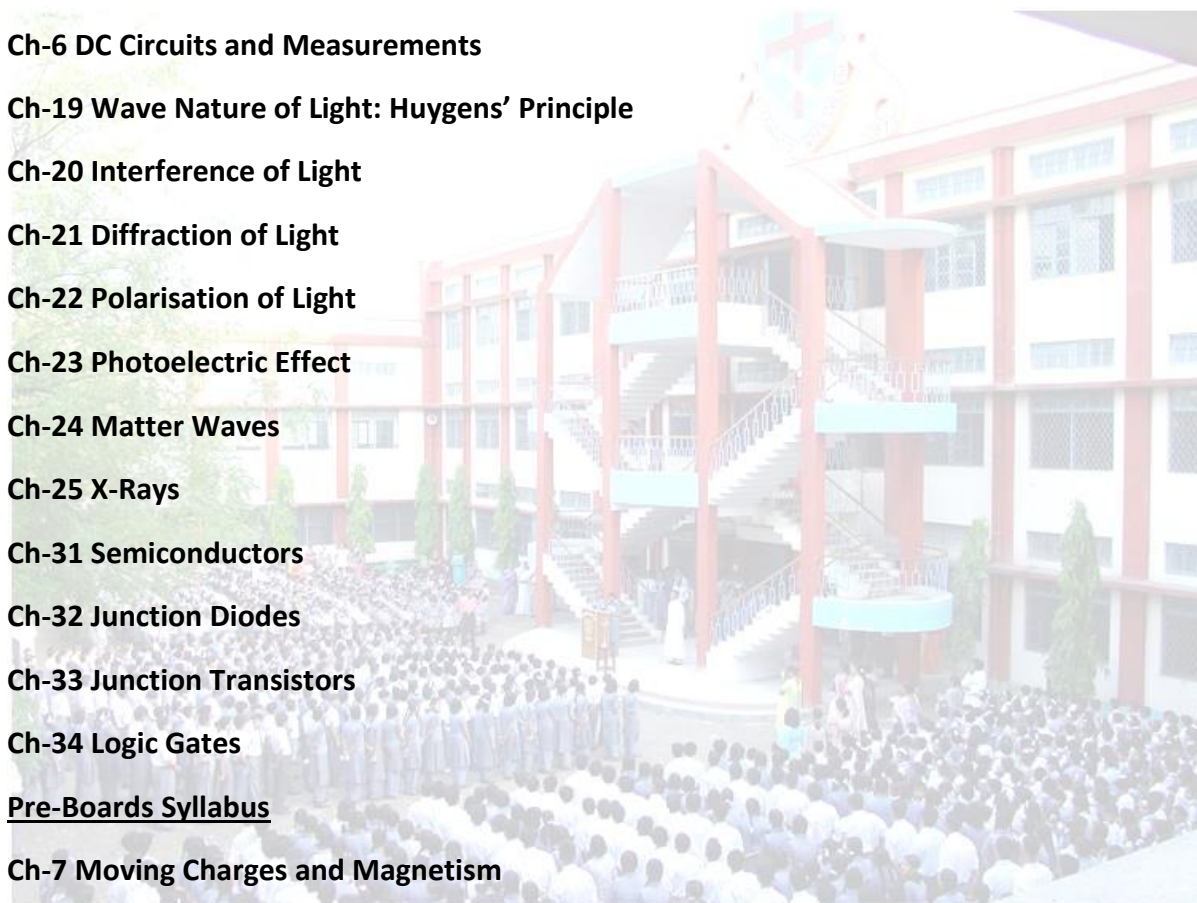
Ch-10 Magnetic Classification of Substances

Ch-11 Electromagnetic Induction

Ch-12 Alternating Current

Ch-13 Electromagnetic Waves

Ch-14 Spherical Mirrors





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Ch-15 Refraction of Light at a Plane Interface: Total Internal Reflection:Optical Fibre

Ch-16 Refraction of Light at Spherical Surfaces: Lenses

Ch-17 Refraction and Dispersion of Light through a Prism

Ch-18 Optical Instruments

Ch-26 Atom,Origin of Spectra:Bohr's Theory of Hydrogen

Ch-27 Nuclear Structure

Ch-28 Radioactivity

Ch-29 Mass-Energy Equivalence: Nuclear Binding Energy

Ch-30 Nuclear Fission and Nuclear Fusion: Sources of Energy

Ch-35 Communication Systems

+1st term syllabus

