

CLASS-12 BIOLOGY

- PRE-TERM -1 : Chapter 1 - 6
- FIRST TERM: Chapter 1-8
- PRE BOARD : Chapter 1- 16

Chemistry syllabus 2019-20 (Class 12th B)

CHAPTER NO.	CHAPTER NAME
1	SOLUTIONS
2	ELECTROCHEMISTRY
3	CHEMICAL KINETICS
4	SURFACE CHEMISTRY
5	GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMENTS
6	p—BLOCK ELEMENTS
7	d-AND f- BLOCK ELEMENTS
8	COORDINATION COMPOUNDS
9	HALOALKANES AND HALOARENES
10	ALCOHOLS, PHENOLS AND ETHERS
11	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
12	ORGANIC COMPOUNDS CONTAINING NITROGEN
13	BIOMOLECULES
14	POLYMERS
15	CHEMISTRY IN EVERYDAY LIFE

PRE TERM-1:- Chapters 9,10 & 11

FIRST TERM :- Chapters: 9 TO 15

1st Pre-Board (December-2019) : Entire Syllabus

1st Pre-Board (January-2020): Entire Syllabus

Syllabus 2019-20

Class: XII

Subject: Accountancy

Pre Term I:

Part C-

Chapter 1 – Financial Statements of a Company

Chapter 2- Financial Statements Analysis

Chapter 3- Comparative & Common Size Statements

Chapter 4 – Accounting Ratios

Chapter 5 – Cash Flow Statement

Part A-

Chapter 1 – Fundamentals of Partnership

First Term:

Part C-

Chapter 1 to 5

Part A-

Chapter 1 – Fundamentals of Partnership

Chapter 2- Goodwill: Nature & Valuation

Chapter 3- Change in Profit Sharing Ratio

Chapter 4- Admission of a Partner

Chapter 5- Retirement & Death of a Partner

Chapter 6- Dissolution of Partnership Firm

Chapter Financial Statements of Not For Profit Organisations

Final Term:

Part C

Part A

Part B-

Chapter 7- Accounting for Share Capital

Chapter 8- Issue of Debentures

Chapter 9- Redemption of Debentures

**ENGLISH SYLLABUS- 2019-20
CLASS XII**

PRE-TERM I

(A) THE LAST LESSON

(B) AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM

(C) KEEPING QUIET

(D) NOTEMAKING

(E) WRITING SKILLS- NOTICE, ADVERTISEMENTS, POSTER, INVITATIONS AND REPLIES

FIRST TERM

FLAMINGO

- (A) THE LAST LESSON
- (B) LOST SPRING
- (C) DEEP WATER
- (D) THE RATTRAP
- (E) POETS AND PANCAKES
- (F) THE INTERVIEW
- (E) MY MOTHER AT SIXTY-SIX
- (F) ELEMENTARY SCHOOL CLASSROOM IN A SLUM
- (G) KEEPING QUIET

VISTAS

- (A) THE THIRD LEVEL
- (B) THE TIGER KING
- (C) JOURNEY TO THE CENTRE OF THE EARTH
- (D) THE ENEMY
- (E) SHOULD WIZARD HIT MOMMY

WRITING SKILLS- NOTICE, POSTER, ADVERTISEMENT, INVITATIONS AND REPLIES (FORMAL AND INFORMAL), BUSINESS LETTERS, JOB APPLICATION, LETTER TO THE EDITOR, REPORT, SPEECH, ARTICLE, DEBATE, NOTEMAKING

FIRST PRE-BOARD- FLAMINGO- COMPLETE BOOK

VISTAS- COMPLETE BOOK

ALL WRITING SKILLS

NOTEMAKING

BUSINESS STUDIES

SYLLABUS 2019-20

CLASS XII

Pre Term I:

1. Nature and Significance of Management
2. Principles of Management
3. Business Environment
4. Planning
5. Organising

First Term:

Chapters 1-5

6. Staffing

7. Directing
8. Controlling
9. Financial Management

Final Term:

Chapter 1 to 9

10. Financial Markets
11. Marketing Management
12. Consumer Protection

SYLLABUS FOR ACADEMIC SESSION(2019-20)

CLASS –XII

PHYSICS

From the chapter on ‘Semiconductor Electronics: Transistor & Logic gates topics are deleted.

CHAPTER NO.	TOPIC
1	ELECTRIC CHARGES AND FIELDS
2	ELECTROSTATIC POTENTIAL AND CAPACITANCE
3	CURRENT ELECTRICITY
4	MOVING CHARGES AND MAGNETISM
5	MAGNETISM AND MATTER
6	ELECTROMAGNETIC INDUCTION
7	ALTERNATING CURRENT
8	ELECTROMAGNETIC WAVES
9	RAY OPTICS AND OPTICAL INSTRUMENTS
10	WAVE OPTICS
11	DUAL NATURE OF RADIATION AND MATTER
12	ATOMS
13	NUCLEI
14	SEMICONDUCTOR ELECTRONICS

SYLLABUS DISTRIBUTION

1. PRE-TERM-I: CHAPTERS: 1,2.
2. FIRST TERM: CHAPTERS: 1,2,3,4,5,6,7,8.
3. PRE-BOARD- I:CHAPTERS:Entire syllabus
4. PRE-BOARD- II:CHAPTERS: Entire syllabus

Syllabus – Economics (2019 – 2020)

Class XII

Name of the Examination	Macroeconomics	Indian Economic Development
Pre Term	<ul style="list-style-type: none"> • National Income and Related Aggregates • Concept of money and Banking 	

Half Yearly	<ul style="list-style-type: none"> • National Income and Related Aggregates • Money and Banking • Determination Of Income and Employment • Government Budget • Balance of Payments 	<ul style="list-style-type: none"> • Development experience (1947-90)
Pre- Board I & II	<ul style="list-style-type: none"> • National Income and Related Aggregates • Money and Banking • Determination Of Income and Employment • Government Budget • Balance of Payments 	<ul style="list-style-type: none"> • Development Experience (1947-90) and Economic Reforms since 1991 • Current challenges facing the Indian Economy • Development Experience of India – A Comparison with Neighbours

**PHYSICAL EDUCATION
CLASS XII (2019-2020)
FIRST TERM SYLLABUS**

Unit 1: Planning in sports

Unit 2: Sports & nutrition

Unit 3: Yoga & lifestyle

Unit 4: Physical education and sports for CWSN

Unit 5: Children & women in sports

Unit 6: Test and measurement in sports

CLASS XII (2019-2020)
FINAL TERM SYLLABUS

Unit 1: Planning in sports

Unit 2: Sports & nutrition

Unit 3: Yoga & lifestyle

Unit 4: Physical education and sports for CWSN

Unit 5: Children & women in sports

Unit 6: Test and measurement in sports

Unit 7: Physiology & injuries in sports

Unit 8: Biomechanics & sports

Unit 9: Psychology & sports

Unit 10: Training in sports

MATHEMATICS
CLASS - XII

PRE - TERM - 1

1. MATRICES
2. DETERMINANTS
3. LINEAR PROGRAMMING PROBLEMS
4. RELATIONS AND FUNCTIONS
5. INVERSE TRIGONOMETRIC FUNCTIONS

FIRST TERM

1. MATRICES
2. DETERMINANTS
3. INVERSE TRIGONOMETRIC FUNCTIONS
4. RELATIONS AND FUNCTIONS
5. CONTINUITY AND DIFFERENTIABILITY
6. APPLICATION OF DERIVATIVES
7. LINEAR PROGRAMMING PROBLEMS
8. INTEGRALS

PRE- BOARD 1 & 2

1. MATRICES
2. DETERMINANTS
3. INVERSE TRIGONOMETRIC FUNCTIONS
4. RELATIONS AND FUNCTIONS
5. CONTINUITY AND DIFFERENTIABILITY

6. APPLICATION OF DERIVATIVES
7. LINEAR PROGRAMMING
8. INTEGRALS
9. APPLICATION OF INTEGRALS
10. DIFFERENTIAL EQUATIONS
11. VECTOR ALGEBRA
12. THREE DIMENSIONAL GEOMETRY
13. PROBABILITY

Class XII

INFORMATICS PRACTICES (065)

First Term

NETWORKING AND OPEN STANDARDS

Review Computer Networking:

Open Source Concepts:

Open Source Software (OSI norms), common FOSS examples (Gnu/Linux, Firefox,

PROGRAMMING in Java Review of Class XI;

Advanced Programming in Java using IDE

Relational Database Management System

Review of RDBMS from Class XI

Final Term

Advanced Database concepts, Project - Implementation and Evaluation.

IT APPLICATIONS

Revisiting the features of e-Governance, e-Business and e-Learning

Project- design and Development.

Revisions

Pre Term 1 Test (20 marks)

1. Networks
2. OSS
3. Java Review

First Term Exam (70 marks)

1. Networks
2. OSS
3. Advanced Java
4. SQL Fundamentals

CLASS XII – Computer Science

Term I

Review of Class XI

Static data structure and Dynamic Data Structures - Link lists, Stacks and Queues

Boolean Algebra

More programs in C++ (Revision)

SQL, Project

Networking

Term II

Project – Implementation and evaluation Data Structure implementation through C++.

Revision, Previous years and Sample papers

Pre term I (July)

Static data structure and Dynamic Data Structures - Link lists, Stacks and Queues

Net working

I term Exam (September)

- C ++ concepts based questions
- Object oriented programming
- Data Structure (static and Dynamic)
- Data files and Text Files
- Boolean Algebra.

1st and 2nd Preboard - Whole Syllabus