



Delhi Public School, Duliajan

Syllabus Distribution for the session 2022 – 23

Sub: English

Class: 11

1 st Term	2 nd Term
SECTION A (READING) 1. Reading Comprehension 2. Note Making and Summarization SECTION B (GRAMMAR & WRITING) 1. Integrated Grammar Exercises I. Questions on Gap filling (Tenses, Clauses) II. Questions on re-ordering/transformation of sentences 2. Classified Advertisements 3. Speech Writing SECTION C (LITERATURE) HORNBILL (PROSE) 1. The Portrait of a Lady 2. We're not afraid to die HORNBILL (POETRY) 1. A Photograph 2. The Laburnum Top 3. The Voice of the Rain SNAPSHOTS 1. The Summer of the Beautiful White Horse 2. The Address	SECTION A (READING) 1. Reading Comprehension 2. Note Making and Summarization SECTION B (GRAMMAR & WRITING) 1. Integrated Grammar Exercises I. Questions on Gap filling (Tenses, Clauses) II. Questions on re-ordering/transformation of sentences 2. Poster 3. Debate Writing SECTION C (LITERATURE) HORNBILL (PROSE) 1. The Adventure 2. Silk Road 3. Discovering Tut HORNBILL (POETRY) 1. Childhood 2. Father to Son SNAPSHOTS 1. Mother's Day 2. Birth 3. The Tale of Melon City



Delhi Public School, Duliajan

Syllabus Distribution for the session 2022 – 23

Subject: Mathematics (041)

Class: 11

Prescribed books: Mathematics Text book for class XII, part I and II (NCERT)

1 st Term	2 nd Term
Chapters: 1. Sets 2. Relations and functions 3. Trigonometric functions 4. Complex numbers and Quadratic equation 5. Sequence and Series	Chapters: 6. Linear Inequality 7. Permutations and combinations 8. Binomial Theorem 9. Straight lines 10. Conic Sections 11. Introduction to three Dimension 12. Limit and derivatives 13. Statistics 14. Probability

Note: First term syllabus will be based on 1st term syllabus and 2nd term syllabus will be based on entire syllabus.



Delhi Public School, Duliajan

Syllabus Distribution for the session 2022 – 23

Subject: Mathematics (241) (Applied)

Class: 11

Prescribed books: Applied Mathematics by M.L. Aggarwal

1 st Term	2 nd Term
Chapters: 1. Sets and Relations 2. Indices 3. Logarithms 4. Quantitative Aptitude (Averages, calendar, Odd days, Clock, Time and Work, Time and Distance, Average Speed, seating arrangements) 5. Sequence and Series	Chapters: 6. Permutations and Combinations. 7. Functions 8. Limits and Continuity 9. Differentiations 10. Probability 11. Compound Interest and Annuity Straight line

Note: First term syllabus will be based on 1st term syllabus and 2nd term syllabus will be based on entire syllabus.



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Syllabus Distribution for the session 2022 – 23

SUBJECT: BIOLOGY

CLASS: 11

PRESCRIBED BOOK: Biology- Text Book for class XI (NCERT)

1 st Term	2 nd Term
Unit 1- Diversity in the Living World Unit 2- Structural Organization in Plants and Animals Unit 3- Cell: Structure and Functions.	Unit 4- Plant Physiology Unit 5- Human Physiology



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Syllabus Distribution for the session 2022 – 23

SUBJECT: PHYSICS

CLASS: 11

PRESCRIBED BOOKS: PHYSICS-Textbook for class XI (PART-I & II), NCERT

1 ST TERM	2 ND TERM
<ol style="list-style-type: none">1. Physical World and Measurement2. Kinematics3. Laws of Motion4. Work, Energy and Power5. Motion of system of particles and rigid body6. Gravitation	<ol style="list-style-type: none">1. Properties of bulk matter2. Thermodynamics3. Kinetic theory of gases4. Oscillations and waves



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Syllabus Distribution for the session 2022 – 23

SUBJECT: CHEMISTRY

CLASS- XI

PRESCRIBED BOOK: CHEMISTRY-Textbook for class XI (PART-I & II), NCERT

1 st Term	2 nd Term
1. Some basic concepts of chemistry	1. Chemical Thermodynamics
2. Structure of Atom	2. Equilibrium
3. Classification of Elements and periodicity of properties	3. Redox Reactions
4. Chemicals bonding and molecular structure	4. Organic chemistry: same basic principles and Techniques
	5. Hydrocarbons



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Syllabus Distribution for the session 2022 – 23

Subject – INFORMATICS PRACTICES

Class - 11

Prescribed Book – INFORMATICS PRACTICES by Sumita Arora

Half-Yearly (Term-1)	Annual (Term-2)
<ol style="list-style-type: none">1. Computer System2. Getting Started With Python3. Python Fundamentals4. Data Handling5. Flow of Control6. Emerging Trends	<ol style="list-style-type: none">7. List Manipulation8. Dictionaries9. Understanding Data10. Working with NumPy11. Database Concepts12. Structured Query Language <p>* Half-Yearly + Annual = Annual Syllabus</p>



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Syllabus Distribution for the session 2022 – 23

Subject – Computer Science (083)

Class – 11

Half-Yearly	Annual
Computer System Overview	Boolean Logic
Getting Started With Python	List Manipulation
Python Fundamentals	Tuples
Data Handling	Dictionaries
Flow of Control	Understanding Sorting
Data Representation	Cyber Safety
String manipulation	Online Access and Computer Security
Introduction to Problem Solving	Society Law and Ethics



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Syllabus Distribution for the session 2022 – 23

Sub: Business Studies

Class-11

1 st Term	2 nd Term
Ch. 1 – Nature and purpose of Business	Ch. 6 – Social Responsibility of Business and Business Ethics
Ch. 2 – Forms of Business Organisations	Ch. 7 – Sources of Business Finance
Ch. 3 – Public , Private and Global Enterprises	Ch. 8 – Small Business
Ch. 4 – Business Services	Ch. 9 – Internal Trade
Ch. 5 – Emerging modes of Business	Ch. 10 – International Trade
Revision	Project Work Revision



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Syllabus Distribution for the session 2022 – 23

Sub: Economics

Class: 11

Section A: Statistics for Economics

Section B: Introductory Micro Economics

Sl.NO	Unit/Chapters
1	Unit: Introduction to Statistics(A) Unit : Introduction to Microeconomics(B)
2	Unit : Collection of data(B) Unit : Consumer's behaviour & demand(B)
3	Unit : Organisation of data(A) Unit : Measures of Central tendency(A)
4	Unit: Cost, Revenue, Producer's equilibrium & Supply(B)
5	Unit : Forms of market & price determination(B) Unit : Presentation of data(A)
6	Unit : correlation(A)
7	Unit 7: Index Number(A)



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Syllabus Distribution for the session 2022 – 23

SUB: ACCOUNTANCY

CLASS: 11

1.	Introduction to Accounting
2.	Theory Base of Accounting
3.	Recording of transactions-I
4.	Recording of transactions-II
5.	Bank Reconciliation Statement
6.	Trial Balance and Rectification of Errors
7.	Financial Statements-I
8.	Financial Statements-II



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Syllabus Distribution for the session 2022 – 23

Sub: Geography

Class: 11

GEOGRAPHY (PART I) - CHAPTERS

CH.5. MINERALS AND ROCKS CH.6 GEOMORPHIC PROCESSES CH.8 COMPOSITION AND STRUCTURE OF ATMOSPHERE CH.9 SOLAR RADIATION, HEAT BALANCE AND TEMPERATURE CH.11 WATER IN THE ATMOSPHERE CH.13 WATER (OCEANS) CH.14 MOVEMENT OF OCEAN WATER CH.15 LIFE ON THE EARTH CH.16 BIODIVERSITY AND CONSERVATION

GEOGRAPHY (PART II) - CHAPTERS

CH.4 CLIMATE CH.5 NATURAL VEGETATION CH.6 SOILS CH.7 NATURAL HAZARDS AND DISASTERS



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Syllabus Distribution for the session 2022 – 23

SUB: HISTORY

CLASS: 11

CHAPTERS
CH.1 FROM THE BEGINNING OF TIME
CH.2 WRITING AND CITY LIFE
CH.3 AN EMPIRE ACROSS THREE CONTINENTS
CH.5 NAMADIE EMPIRES
CH.6 THE THREE ORDERS
CH.7 CHANGING CULTURAL TRADITIONS
CH.9 THE INDUSTRIAL REVOLUTION
CH.10 DISPLACING INDIGENOUS PEOPLE



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Syllabus Distribution for the session 2022 – 23

Sub: Psychology

Class: 11

1 st Term	2 nd Term
1. What is psychology	5. Learning
2. Methods of Enquiry in psychology	6. Human Memory
3. Human development	7. Thinking
4. Sensory, Attentional and perceptual processes	8. Motivation and Emotion



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Syllabus Distribution for the session 2022 – 23

Sub: Political Science

Class: 11

1 st Term	2 nd Term
1. Constitution	8. Political theory: An introduction
2. Election and representation	9. Liberty
3. The Judiciary	10. Equality
4. The Executive	11. Justice
5. The Legislature	12. Rights
6. Federalism	13. Citizenship
7. Local Governments	14. Nationalism
	15. Secularism



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Syllabus Distribution for the session 2022 – 23

Sub: Physical Education

Class: 11

TERM 1	TERM 2
<ol style="list-style-type: none">1. CHANGING TRENDS AND CAREER IN PE2. OLYMPISM3. YOGA4. PHYSICAL EDUCATION AND SPORTS FOR CWSN5. PHYSICAL FITNESS, HEALTH, AND WELLNESS	<ol style="list-style-type: none">6. TEST, MEASUREMENT AND EVALUATION7. FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS8. FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS9. PSYCHOLOGY AND SPORTS10. TRAINING AND DOING IN SPORTS