**Class XI**

**ENGLISH**

| Month | Syllabus |
|---|---|
| April | Grammar, Posters, Notice |
| May | The Portrait of a lady |
| July | The photograph (poem), We Are not afraid…., Posters, speech writing |
| August | The Address, Summer of the beautiful white horse (snapshots), Voice of the rain (poem) |
| September | Note making |
| October | Mother's Day (snapshots), The Ailing Planet, Classified advertisements |
| November | Birth (Snapshots), Silk Road, Childhood (poem), Father to son (poem) |
| December | Lost Spring, Debate, formal letters |
| January | Laburnum top (poem), Grammar, Revision |
| February | **Revision** |
| | |

**MATHS**

| Month | Syllabus |
|---|---|
| April | Ch – 1- SETS , CH -2 – REL & FUNCTION , CH - 4 – COMPLEX NO. |
| May | CH – 5 LINERA INEQUALITY , CH – 6 – P & C  , CH -7 - BT |
| July | CH – 3 – TRIGO , CH –8 SEQ & SERIES |
| August | CH – 8 -  SEQ & SERIES , CH – 9 - ST LINES |
| September | CH – 9 - ST LINES |
| October | CH -10 – CONIC SECTION , CH -11 – 3D , |
| November | CH - 13 – STST , CH - 14 -  PROBABILITY |
| December | CH 12 – LIMITS AND DERIVATEVES |
| January | CH 12 – LIMITS AND DERIVATEVES |
| February | |

**ACCOUNTANCY**

| Month | Syllabus |
|---|---|
| April | Ch 1 Introduction to Accounting<br>Ch 2 Basic Accounting Terms |
| May | Ch 3 Theory Base of Accounting<br>Ch 4 Basis of Accounting |
| July | Ch 5 Accounting Equation |

| | Ch 6 Rules of Debit and Credit. |
| | Ch 7 Source documents and Vouchers |
| | Ch 8 Books of Original Entry- Journal |
| August | Ch 10 Special Purpose books: - Cash Book |
| | Ch 11 Special Purpose books: |
| | Ch 9 Ledger |
| | Ch 12 Goods and Services Tax (GST): |
| | Ch 14Trial balance |
| September | -   Revision & Mid Term Exam |
| October | Ch 13 Bank Reconciliation Statement: |
| | Ch 15 Depreciation, |
| | Ch 16 Provisions and Reserves |
| November | Ch 17 Rectification of Errors |
| | Ch 18 Financial Statements of Sole Proprietorship (Without Adjusment) |
| December | Ch 19 Financial Statements of Sole Proprietorship (With Adjusment) |
| January | Ch 20 Single Entry System |
| February | Revision & Annual  Exam |

## BUSINESS STUDIES

| Month | Syllabus |
| --- | --- |
| April | Ch 1 Nature and Purpose of Business |
| May | Ch 2Forms of Business Organisations  (Sole Proprietoship & Partnership) |
| July | Ch 2  Forms of Business Organisations  Contd….. |
| | Ch3 Public, Private and Global Enterprises |
| August | Ch4 Business Services |
| | Ch 5 Emerging Modes of Business |
| September | Revision & Mid Term Exam |
| October | Ch 6  Social Responsibility of Business and Business Ethics |
| | Ch 7 Sources of Business Finance |
| November | Ch 8 Small Business |
| | Ch 9  Internal Trade |
| December | Ch 9  Internal Trade Contd….. |
| January | Ch 10  International Business |
| February | Revision & Annual  Exam |

## ECONOMICS

| Month | Syllabus |
|---|---|
| May | Micro Economics- Introduction<br>Statistics for economics-Organisation of Data, Presentation of Data |
| July | Micro Economics- Demand, Elasticity of Demand<br>Statistics for economics- Presentation of data |
| August | Micro Economics- Consumer's equilibrium, Production<br>Statistics for economics- Measures of Central Tendency |
| September | Mid term examination<br>Micro Economics- Cost<br>Statistics for economics-Introduction |
| October | Micro Economics- Revenue, Producer's Equilibrium<br>Statistics for economics- Collection of data |
| November | Micro Economics- Supply<br>Statistics for economics- Correlation |
| December | Micro Economics- Forms of Market & Price Determination<br>Statistics for economics- Index number |
| January | Revision |
| February | Final examination |

## ENTREPRENEURSHIP

| Month | Syllabus |
|---|---|
| May | Ch-1 Entrepreneurship: Concept and Functions |
| July | Ch-2 An Entrepreneur |
| August | Ch-3 Entrepreneurial Journey<br>Ch-4 Entrepreneurship as Innovation and Problem Solving |
| September | Revision for mid term<br>MID-TERM EXAM<br>Ch-5 Begins |
| October | Ch-5 Concept of Market |
| November | Ch-6 Business Finance and Arithmetic |
| December | Ch-7 Resource Mobilization |
| January | Revision |

**CHEMISTRY**

| Month | Syllabus |
|---|---|
| May | 1. Some Basic Concepts of Chemistry |
| July | 2. Structure Of Atom<br>3. Classification of Elements and Periodicity in Properties |
| August | 4. Chemical Bonding and Molecular Structure<br>5. Redox |
| September | MID-TERM EXAM<br>6. Equilibrium |
| October | 7. Equilibrium |
| November | 8. Chemical Thermodynamics<br>9. Organic Chemistry: Some basic Principles and Techniques |
| December | 10. Hydrocarbon |
| January | 11. Revision |

**Fine Arts**

| Month | Syllabus |
|---|---|
|  |  |
| April | Ch 1 Art an introduction<br>Ch 2 Art and the Culture<br>Still Life with Drapery<br>Composition |
| May | Origin and Development of different forms of Fine Arts in India.<br>Human figures, Flower Study<br>Still life with Drapery |
| July | Pre Historic Rock Painting<br>Still life with Drapery |
| August | Art of Indus Valley<br>Composition<br>Still life with Drapery |
| September | **MID-TERM EXAM**<br>The Art during Mauryan, Shunga, Kushana and Gupta Period – **PART-I** |
| October | The Art during Mauryan, Shunga, Kushana and Gupta Period – **PART-II**<br>Folk Art |
| November | The Art of Ajanta Caves.<br>Artistic Aspects of Indian Temple Sculpture. |
| December | Indian Bronze Sculptures<br>Some Artistic Aspects of Indo – Islamic Architecture |
| January | Revision |

**BIOLOGY**

| Month | Syllabus |
|---|---|
| May | **UNIT-1**<br>CH-1 THE LIVING WORLD<br>CH-2 BIOLOGICAL CLASSIFICATION |
| July | CH-3 PLANT KINGDOM<br>CH-4 ANIMAL KINGDOM<br>**UNIT-2**<br>CH-5 MORPHOLOGY IN FLOWERING PLANTS |
| August | CH-6 ANATOMY IN FLOWERING PLANTS<br>CH-7 STRUCTURAL ORGANISATION IN ANIMALS<br>**UNIT-3**<br>CH-8 CELL: THE UNIT OF LIFE |
| September | CH-9 BIOMOLECULES<br>CH-10 CELL CYCLE AND CELL DIVISION |
| October | **UNIT-4**<br>CH-11 PHOTOSYNTHESIS IN HIGHER PLANTS<br>CH-12 RESPIRATION IN PLANTS<br>CH-13 PLANT GROWTH AND DEVELOPMENT |
| November | **UNIT-5**<br>CH-14 BREATHING AND EXCHANGE OF GASES<br>CH-15 BODY FLUIDS AND CIRCULATION<br>CH-16 EXCRETORY PRODUCTS AND THEIR ELIMINATION |
| December | CH-17 LOCOMOTION AND MOVEMENT<br>CH-18 NEURAL CONTROL AND COORDINATION<br>CH-19 CHEMICAL COORDINATION AND INTEGRATION |
| January | Revision |

## PHYSICS

| Month | Syllabus |
|---|---|
| May | Mathematical tools of physics |
| July | Motion in 1-D and Motion in 2-D |
| August | Force and laws of motion, work energy and power and rotational motion |
| September | MIDTERM<br>Gravitation |
| October | Mechanical properties of solids and liquids |
| November | Thermal properties of matter, thermodynamics and kinetic theory of gases |
| December | Oscillations and Waves |
| January | Revision |

## HISTORY

| | Syllabus |
|---|---|

| Month | |
|---|---|
| MAY | Ch 1: Writing and City Life |
| JULY | Ch 2: An Empire across Three Continents, Ch 3: Nomadic Empire |
| AUGUST | Ch 4: The Three Orders |
| SEPTEMBER | REVISION FOR MID TERM |
| OCTOBER | Ch 5: Changing cultural Tradition |
| NOVEMBER | Ch 6: Displacing Indigenous Peoples |
| DECEMBER | Ch 7: Path to Modernization |
| JANUARY | Revision |

## POLITICAL SCIENCE

| Month | Syllabus |
|---|---|
| July | India Constitution at work<br>Constitution Why and How?<br>Rights in the Indian Constitution<br>Executive<br>Legislature<br>Political Theory-An Introduction<br>Freedom<br>Equality |
| August | Indian Constitution at work<br>Election Representation<br>Executive<br>Political Theory<br>Social Justice<br>Rights |
| September | Mid-Term |
| October | Indian Constitution at Work<br>Judiciary<br>Federalism<br>Political Theory<br>Citizenship |
| November | Indian Constitution at work<br>Local Government<br>Constitution as a living document<br>Political Theory<br>Secularism |
| December | Indian Constitution at work<br>The Philosophy of Indian Constitution<br>Political Theory<br>Nationalism |

| January | Revision |
|---|---|

## PSYCHOLOGY

| Month | Syllabus |
|---|---|
| **MAY** | Chapter-1 What is psychology? |
| **JULY** July | Chapter-2 Methods of enquiry in psychology<br>Chapter-3 Human development |
| **AUGUST** | Chapter-4 Sensation, attention and perceptual processes |
| **SEPTEMBER** | Revision for mid term |
| **OCTOBER** | Chapter-5 Learning<br><br>Chapter-6 Human memory |
| **NOVEMBER** | Chapter-7 Thinking<br><br>Practical and experiments |
| **DECEMBER** | Chapter-8 Motivation and Emotion |
| **JANUARY** | Revision |

## <u>INFORMATICS PRACTICIES</u>

| MONTH | SYLLABUS |
|---|---|
| **MAY** | Unit 1- Intro. to Computer<br>• Intro to computer & computing<br>• Computer memory<br>• Software |
| **JULY** | Unit 2- Intro. to Python<br>• Basic concept of programming<br>• Understanding programming<br>• Execution modes<br>• Basic structure of program<br>• Fundamental pf python<br>• Datatype<br>• Debugging<br>• I/p & O/P Statements |
| **AUGUST** | Unit 2- Intro. to Python<br>• Types of Statements |

|  | |
|---|---|
|  | • Conditional Statements<br>• Simple if<br>• if….else<br>• if…elif….else (elif ladder)<br>• nested if<br>• Iterative Statements<br>• for loop<br>• while loop<br>• Jump Statements<br>• String - intro, operations, methods & inbuilt functions.<br><br>Unit 4: Introduction to Emerging Trends<br><br>• AI, m/c learning, NLP,Robotics, Big Data, IoT, Sensors, Cloud & Grid Computing, Block Chain Technology |
| **SEPTEMBER** | **MID TERM  EXAMINATION**<br>**(REVISION)** |
| **OCTOBER** | Unit 2- Intro. to Python<br><br>• List, its operations, methods & inbuilt functions.<br>• Dictionary, its operations, methods & inbuilt functions.<br><br>Unit 3: Dbase Concept & SQL<br><br>• Dbase Concept<br>• RDBMS |
| **NOVEMBER** | Unit 3: Dbase Concept & SQL<br><br>• SQL-Advantage<br>• SQL – different type of commands<br>    o  DDL<br>    o  DML<br>    o  DQL |
| **DECEMBER** | Revision & Doubt sessions<br><br>More Focus on Practical Implementations |
| **JANUARY** | Project & Practical File<br><br>Revision Of syllabus with doubt session |

# COMPUTER SCIENCE

| MONTH | SYLLABUS |
|---|---|
| MAY | Unit 1- Intro. to Computer<br>• Intro to computer & computing<br>• Computer memory<br>• Software- system & application S/w<br>• Operating System<br>• Boolean Logic |
| JULY | Unit 1- Intro. to Computer<br>• Number System<br><br>Unit 2- Intro. to Python<br>• Intro to problem Solving<br>• Basic concept of programming<br>• Understanding programming<br>• Execution modes<br>• Basic structure of program<br>• Fundamental pf python<br>• Datatype<br>• Debugging<br>• I/p & O/P Statements |
| AUGUST | Unit 2- Intro. to Python<br>• Types of Statements<br>• Conditional Statements<br>• Simple if<br>• if….else<br>• if…elif….else (elif ladder)<br>• nested if<br>• Iterative Statements<br>• for loop<br>• while loop<br>• Jump Statements<br>• String - intro, operations, methods & inbuilt functions. |
| SEPTEMBER | **MID TERM  EXAMINATION**<br>**(REVISION)** |

| OCTOBER | Unit 2- Intro. to Python<br><br>• List, its operations, methods & inbuilt functions.<br>• Tuple, its operations, methods & inbuilt functions. |
|---|---|
| NOVEMBER | Unit 2- Intro. to Python<br><br>• Dictionary, its operations, methods & inbuilt functions.<br><br>Unit 3: Society, Laws & Ethics<br><br>• Digital Footprint,<br>• Digital Society & net etiquette<br>• Data Protection<br>• Cyber Crime & Safety<br>• Malware<br>• E-Waste Management<br>• IT Act<br>• Technology & Society |
| DECEMBER | Revision & Doubt sessions<br><br>More Focus on Practical Implementations |
| JANUARY | Project & Practical File<br><br>Revision Of syllabus with doubt session |

PHE

| JULY | CH 1,2 |
|---|---|
| AUGUST | CH 3,4 and 5 |
| SEPTEMBER | CH 6,7 |
| OCTOBER | CH 8 |
| NOVEMBER | CH 9 |
| DECEMBER | CH 10 |
| JANUARY | REVISION |