

SYLLABUS BOOK

CLASS – XI Com.

2021-22

Subject - English

| MONTHS | SECTIONS | LESSONS/TOPICS | ACTIVITY |
|-----------|--|---|-----------------------------------|
| APRIL | READING WRITING GRAMMAR HORN BIL | FACTUAL DESCRIPTION - UNSEEN PASSAGES ADVERTISEMENTS, ARTICLES DETERMINERS L-1 THE PORTRAIT OF A LADY POETRY-A PHOTOGRAPH | EXTEMPORE |
| MAY | READING WRITING GRAMMAR HORN BIL SNAPSHOTS | UNSEEN PASSAGE NOTICES, SPEECH TENSES WE'RE NOT AFFRAID TO DIE... THE SUMMER OF THE BEAUTIFUL WHITE HORSE | POSTER MAKING |
| JUNE | | SUMMER BREAK | |
| JULY | READING WRITING GRAMMAR HORN BIL SNAPSHOTS | UNSEEN PASSAGES AND NOTE MAKING POSTERS, LETTER WRITING CLAUSES DISCOVERING TUT: THE SAGA CONTINUES THE ADDRESS | ARTICLE WRITING |
| AUGUST | WRITING GRAMMAR NOVEL HORN BIL SNAPSHOTS | ARTICLE, REPORT WRITING MODALS CH- 3,4 LANDSCAPE OF THE SOUL RANGA'S MARRIAGE ALBERT EINSTEIN AT SCHOOL | SPEECH WRITING |
| SEPTEMBER | MED TERM EXAM | | |
| OCTOBER | WRITING GRAMMAR HORN BIL SNAPSHOTS | SPEECH , NARRATIVES ACTIVE & PASSIVE VOICE THE BROWNING VERSION POETRY - CHILDHOOD MOTHER'S DAY BIRTH | POWERPOINT PRESENTATION ON TENSES |
| NOVEMBER | WRITING GRAMMAR HORN BIL SNAPSHOTS | REVISION OF LETTER WRITING REVISION OF EDITING THE AILING PLANET BROWNING VERSION SILK ROAD P- THE VOICE OF THE RAIN | Debate competition on given topic |
| DECEMBER | | REVISION OF FULL SYLLABUS | |

Subject –Accountancy

| Month/ Book | Lesson Name | Activity |
|--------------------|---|--------------------------------|
| April | Accounting Terms, Accounting Equation, Accounting Principles | Assignment |
| May | Double entry system, Recording of transactions (Journal) | Assignment |
| June | | Assignment |
| July | Cash book, Subsidiary books, | Assignment |
| August | Ledger, Trial Balance, Bank Reconciliation Statement, provisions and reserves | Assignment and project work |
| September | Depreciation, Mid Term exams | Assignment |
| October | Bills of exchange, Rectification of errors, capital and revenue | Assignment |
| November | Financial statements, financial statements with adjustments, accounts from incomplete records | Assignment |
| December | Computerised accounting system | |

Subject – Business Studies

| Month / Book | Lesson Name |
|------------------|---|
| APRIL | L - 1 Nature and Purpose of Business L - 2 Forms of Business Organizations |
| MAY/ JUNE | L - 2 Forms of Business Organizations L - 3 Public , Private and Global Enterprises |
| JULY | L - 4 Business Services L - 5 Emerging modes of Business |
| AUGUST | L - 5 Emerging modes of Business L-6 Social Responsibility of business and Business Ethics |
| SEPTEMBER | Mid-term examination |
| OCTOBER | L –7 Sources of Business Finance L- 8 Small Business |
| NOVEMBER | L- 8 Small Business L- 9 Internal Trade |
| DECEMBER | L-10. International Business |
| JANUARY | Final Exams |

Subject – Maths

| Month/Book | Lesson Name |
|------------------|--|
| April-May | CH 1 SETS CH 2 RELATIONS AND FUNCTIONS CH 3 TRIGONOMETRIC FUNCTIONS |
| June | CH 3 TRIGONOMETRIC FUNCTIONS CONTINUED CH 5 COMPLEX NUMBERS AND QUADRATIC EQUATIONS |
| July | CH 6 LINEAR INEQUALITIES CH 7 PERMUTATIONS AND COMBINATIONS |
| August | CH 9 SEQUENCE AND SERIES CH 10 STRAIGHT LINES |
| September | REVISION CH 13 LIMITS AND DERIVATIVES |
| October | CH 11 CONIC SECTIONS CH 12 INTRODUCTION TO 3 D |
| November | CH 14 STATISTICS CH 15 PROBABILITY |
| December | REVISION |

Subject – Statistics (Economics)

| Month / Book | Lesson Name |
|------------------|---|
| APRIL | L- 1 Concept of Economics and significance of Statistics in Economics L-2 Collection of Data L - 3 Census and Sample Methods of Collection of data |
| MAY/JUNE | L- 4 Organisation of Data L-5 Presentation of Data- Textual and Tabular Presentation |
| JULY | L- 6 Diagrammatic Presentation of Data: Bar Diagram and Pie Diagram L –7 Frequency Diagrams: Histogram, Polygon and Ogive L- 8 . Arithmetic Line-Graphs or Time series Graphs |
| AUGUST | L – 9 Measures of Central Tendency-Arithmetic Mean L - 10 Measures of Central Tendency- Median and Mode |
| SEPTEMBER | MID – TERM EXAMINATION |
| OCTOBER | L- 11 Measurement of Dispersion L –12 Correlation |
| NOVEMBER | L -13 Index Numbers |
| DECEMBER | Revision of full Syllabus |
| JANUARY | Final Exams |

Subject – Economics

| | INTRODUCTORY MICRO ECONOMICS |
|------------------|---|
| MONTH | LESSON NAME |
| APRIL | L 1-ECONOMICS AND ECONOMY, L 2 CENTRAL PROBLEMS OF AN ECONOMY |
| MAY | L -3 CONSUMER EQUILIBRIUM - UTILITY ANALYSIS, L-4 CONSUMER EQUILIBRIUM-INDIFFERENCE CURVE ANALYSIS |
| JULY | L-5 THEORY OF DEMAND , L-6PRICE ELASTICITY OF DEMAND |
| AUGUST | L-7 PRODUCTION FUNCTION AND RETURNS TO SCALE, L-8CONCEPTS OF COSTS, L-9 CONCEPTS OF REVENUE |
| SEPTEMBER | MID TERM |
| OCTOBER | L-10 PRODUCER EQUILIBRIUM, L-11 THEORY OF SUPPLY |
| NOVEMBER | L-12 FORMS OF MARKET, L-13 MARKET EQUILIBRIUM UNDER PERFECT COMPETITION AND EFFECTS OF SHIFT IN DEMAND AND SUPPLY |
| DECEMBER | REVISION OF FULL SYLLABUS |
| JANUARY | FINAL EXAMS |

SUBJECT - Computer Science(083)**TERM- 1**

| MONTH | LESSON NAME | ACTIVITY |
|------------------|--|--|
| APRIL | Basic Computer Organisation: Introduction to computer system, hardware,software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB) | Make a PPT on Computer System Architecture |
| MAY | Types of software: system software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software • Operating system (OS): functions of operating system, OS user interface | Make a PPT on Different types of software |
| JUNE | Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems. • Encoding schemes: ASCII, ISCII and UNICODE (UTF8, UTF32) | Count the Dots—Binary Numbers |
| JULY | Introduction to problem solving , Familiarization with the basics of Python programming, Knowledge of data types, Operators, Expressions, statement, type conversion & input/output, Errors: syntax errors, logical errors, runtime errors | Lightest and Heaviest—Sorting Algorithms |
| AUGUST | Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits. Flow of control, Conditional statements, Iterative statements, Strings | Python programs to generate different series |
| SEPTEMBER | MID TERM ASSESSMENT | |
| OCTOBER | Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists. | Finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list |
| NOVEMBER | IST PRE BOARD MID TERM EXAMS (CBSE BOARD) Syllabus completed till October | |

TERM-2

| | | |
|-----------------|--|---|
| DECEMBER | Tuples: introduction, indexing, tuple operations(concatenation, repetition, membership & slicing), built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple Introduction to Python modules: Importing module using 'import ' and using from statement, Importing math module (pi, e,sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint, randrange), statistics module (mean, median, mode) | Finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple |
| JANUARY | Dictionary: introduction, accessing items in a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary, built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del(), clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy() | Count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them |

Subject – Fine Arts

| MONTH | Lesson Name | Activity |
|-----------|---|--|
| APRIL | History of Indian Painting Unit - 1 | |
| MAY | An Introduction of Art Unit- 2 | Modern Art |
| JUNE | Still Life Composition | <ul style="list-style-type: none"> • One sheet Object study. |
| JULY | Pre History Rock Painting Art of Indu Valley Civilazation. (2500 B.C. to 1500 B.C.) | <ul style="list-style-type: none"> • Three sheets Composition Art |
| AUGUST | Composition and object Study | <ul style="list-style-type: none"> • 5 Art work of your choice. |
| SEPTEMBER | Revision & Mid Term Examination | |
| OCTOBER | Unit- 3 Buddhist , Jain and Hindu Art (3rd Century B.C. to 8th Century) | One sheet of Folk Art |
| NOVEMBER | Ajanta Painting | File A3- 5 work anything of your choice. |
| December | Unit -4 Temple Sculpture Ironze and Artistic Aspect of Indu Islamic Architecture | |
| JANUARY | Revision | <ul style="list-style-type: none"> • One sheet of Landscape • 3 Sheet object study |
| FEBRUARY | Annual Exams | |

Subject – Physical Education

| Month | Chapters |
|---------------|---|
| APRIL | Changing Trends & Career In Physical Education |
| MAY | Olympic Value Education |
| JUNE | Physical Fitness, Wellness & Lifestyle |
| JULY | Test, Measurement & Evaluation |
| AUGUST | FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY IN SPORTS |
| SEPTEMBER | MID TERM ASSESSMENT |
| OCTOBER | Revision Ch-1,2,3 |
| NOVEMBER | Revision Ch-7,8 |
| TERM-2 | |
| DECEMBER | Physical Education & Sports for CWSN , Yoga |
| JANUARY | Physical Activity & Leadership Training Psychology & Sports Training & Doping In Sports |