

Carmel Convent Higher Secondary School



Monthly Divided Syllabus

Class XII

Subject: English

Class XII

Subject Teacher: Zeenat Khan

BOOK : Lit. CHINAR II , Gram. GEETHA NAGRAJ

| MONTH | PROSE/LESSON NO. | POETRY/LESSON NO. | Grammar Composition |
|--------------------------|--|---|---|
| April | After Twenty Years Forgetting | Once Upon A Time | Articles Prepositions Conjunctions Letter Writing Diary Entry |
| May-June | Leh Scare Crow | Punishment In Kindergarten | Conditional Clauses Modals Report writing NOTICE |
| July-Aug | The Sniper The Letter 'A' | After Apple Picking | Relative Clauses Article Writing Advertisement |
| September October | Dr. C.V. Raman Love Across The Salt Desert The Gumdrops Affair | Sunrise When The Autumn Came | Narration Dialogue Writing Compound and Complex Poster designing |
| November | Cock Fight | Inklings From The Dark | Active Passive |
| December Pre Board 1 | The Rule Of The Road | REVISION OF POETIC DEVICES, & REFERENCE TO CONTEXT WITH EXPLANATION | C.V./Resume E-mail |
| JANUARY | PRE BOARD II | | |

| MONTH | PROSE/LESSON NO. | LANGUAGE SKILLS |
|--------------|---|--|
| APRIL | SOME HILL STATIONS GHOSTS THE RIGHTFUL INHERITORS OF THE EARTH | Note –Making Advertisement Seen/ Unseen comprehension passage Message Writing |
| May-June | HA' PENNY | Poster Making Memorandum Poetic Techniques |
| Jul-Aug | THE DEVIL OUTWITTED DON'T CALL OUT OR YOU WILL BE SHOT | Circular Notice Writing Write A Short Note on- Dialect |
| SEPTEMBER | THE TURNING POINT ABRAHAM LINCON'S LETTER TO HIS SON'S TEACHER | Precis Writing Report Writing |
| OCTOBER | POLAR MELT DOWN TAKING UP THE CHALLENGE | Editing And Proof Reading How To Face The Audience Short Note On -Accent |
| NOVEMBER | FORESTS- DESPERATE MEASURES NEEDED THE COUNT'S REVENGE | Tables And Their Interpretation Summary Of Main Points Short Note On – Register |
| DECEMBER | THE SECRETS OF MACHINES PRE BOARD I | REVISION OF ALL LANGUAGE SKILLS |
| JANUARY | PRE BOARD II | |

Subject: Bio

Class: XII

Subject Teacher: Alka

| MONTH | LESSON NO./TOPIC | EXPERIMENT/FIELD TRIPS |
|-----------|---|---|
| APRIL | 1)Reproduction In animals: asexual 2)Human Reproduction 3)Reproductive Health | Study of pollen germination on a slide |
| May-June | 1) Asexual Reproduction in Plants 2) Sexual Reproduction | Preparation of temporary mount of onion root tip |
| July-Aug | 1) Genetics –I 2) Genetics & Evolution –II | Study of plant population density by Quadrate method |
| September | 1) Biology & human welfare-I 2) Biology & human welfare -II | Visit to Zoological park / Botanical garden |
| October | 1) Genetic engineering 2) Bio technology & its applications 3) Bio safety issues | Observation of T.S Blastula through permanent prepared slide |
| November | 1) Population &ecological adaptation 2) Ecosystem 3) Bio diversity & its conservation | To study the effect of the different temperature & PH on the activity of Salivary amylase on starch |
| December | Revision | Pre – boards |

Book prescribed: a text book of biology for class XII published by NCERT

| <u>Months</u> | <u>Topics</u> | <u>Experiment</u> |
|---------------|---|---|
| April | Solid state | To prepare colloidal solution. |
| May | Solutions, Surface Chemistry, Coordination and Compounds | To prepare the crystal of mohr's salt and potash alum. |
| June –july | Chemical Kinetics | To study the effect of Concentration and temperature on rate of reaction. |
| August | Electrochemistry General principles and processes of isolation of elements | To determine R_f values of coloured ions by paper chromatography. |
| September | p-block elements, d and f block elements, | Determine the molarity and strength of $KMnO_4$ using M/20, M/50 solution of mohr's salt and oxalic acid. |
| October | Haloalkanes and haloarenes, Alcohols, phenols and ethers | Identify the functional group in the given organic compound. |
| November | Aldehydes, ketones and carboxylic acids, Organic compounds containing nitrogen | To detect the presence of given salt mixture for cations and anions. |
| December | Biomolecules, chemistry in everyday life, polymers | To detect the presence of given salt mixture for cations and anions. |

Suggested book : Textbook of chemistry class 12th published by NCERT.

| Month | Topic | Experiments |
|--------------|--|---|
| April | Electrostatics | To determine Resistance per cm of given Wire using Ohm's law. |
| May | Current electricity | To find resistance of a given wire using metre bridge and hence find resistivity. To verify laws of combination of resistance Using metre bridge. |
| June | Magnetics effects of current and Magnetism | To determine emf of two given primary cell Using potentiometer |
| July | Electro-magnetic induction and AC | To determine internal resistance of a given cell using potentiometer. |
| August | EM Waves | To find focal length of a convex mirror. |
| September | Optics | To find focal length of a concave lens. |
| October | Dual nature of matter and radiation | To find the focal length of convex lens by plotting a graph between u and v. To find angle of minimum deviation. |
| November | Atoms and Nuclie | To determine refractive index of a glass slab using a travelling microscope. |
| December | Electronic Devices | To draw I-V characteristics curve of a p-n junction in forward bias and reverse bias. |
| January | Communication | To draw the characteristic curve of a zener diode and determine its reverse breakdown voltage. |

| Month | Topic/Lesson No |
|-----------|---|
| March | Ch-1 Nature and significance of management Ch-2 Principles of management Ch-3 Bussiness environment |
| April | Ch-4 Planning Ch-5 Organising Ch-6 Staffing |
| May | Ch-7- Directing Ch-8 Controlling |
| July | Ch-9 Financial management |
| August | Ch-10 Financial markets |
| September | Ch-11 Marketing management Ch-12 Consumer protection |
| October | Revision (unit 1 to 4) |
| November | Revision (5 to 8) |
| December | Revision-(9 to 12) |
| January | Mock Tests |

| MONTH | TOPIC |
|--------------------------------------|--|
| APRIL (MICRO ECONOMICS) | 1. Economics, Economy and Central Problems of Economy 2. Consumer's Equilibrium- Utility Analysis 3. Consumer's Equilibrium- Indifference Curve Analysis |
| MAY-JUNE | 4.Theory of Demand 5.Price Elasticity of Demand 6.Production Function and Returns to a Factor |
| JULY-AUGUST | 7.Concepts of Cost 8.Concept of Revenue 9.Producer's Equilibrium |
| SEPTEMBER | 10.Theory of Supply 11.Forms of Market 12.Market Equilibrium Under Perfect Competition and Effects Of Shifts in Demand and Supply |
| OCTOBER (MACRO ECONOMICS) | 1.Some Basic Concepts of Macroeconomics 2.National Income and Related Aggregates 3.Methods of Calculating National Income |
| NOVEMBER | 4.Money and Supply of Money 5.Banking:Commercial Banks and the Central Bank 6.Aggregate Demand and its Components |
| DECEMBER | 7.Short Run Equilibrium Output 8.Problem of Deficient Demand and Excess Demand 9.Government Budget and the Economy |
| JANUARY | 10.Foreign Exchange Rate 11.Balance of Payments |

| Month | Topic/Lesson No |
|-----------|---|
| March | Ch-1 Financial statements of a company Ch-2 Techniques of financial analysis |
| April | Ch-3 Ratio Analysis Ch-4 Cash flow statement |
| May | Ch-5 Partnership basic concepts Ch-6 Admission of a partner |
| July | Ch-7 Retirement of partner |
| August | Ch-8 Death of Partner Ch-9 Dissolution of partner |
| September | Ch-10 Issue and forfeiture of shares |
| October | Ch-11 Issue and redemption of debentures |
| November | Revision- Book-B |
| December | Revision- Book-A (Partnership) |
| January | Revision-Book- A(Shares and debentures) |

| Month | Topic/ Lesson No. |
|-------------|---|
| April | L.No 1. Cold war Era In World Politics L. No.2 –Disintegration Of Second World & Collapse . L.No 3 –US Dominance In World Politics . |
| May-June | L.No -4 .Alternative Centres Of Economic &Political Power. L.No.5-South Asia In The Cold War Era L.No.6 –International Organisation In A Unipolar World L.No 7- Security In Contemporary World |
| July-August | L.No-8 Globalisation And Its Critics L.No-9 Environment And Natural Resources L.No.10 Nation Building And Its Problems . |
| September | L.No 11 Era Of One Party Dominance L.No.12 Politics Of Planned Development L.No.13 India s External Relations |
| October | L.No -14 Challenges And Restoration Of Congress System L.No 15 Crisis Of Constitutional Order |
| November | L.No 16 Regional Aspirations &Conflicts L.No.17 .Rise Of New Social Movement . L.No 18 – Recent Developments In Indian Politics . |

| Month | Topic |
|--------------|--|
| April | Ch -1 HISTORICAL BACKGROUND |
| May-June | Ch -2 INDIAN CONSTITUTION. Ch -3 CENTRAL ADMINISTRATION . |
| July-August | Ch -4 PERSONNEL ADMINISTRATION IN INDIA Ch -5 PLANNING IN INDIA |
| September | Ch -6 CENTRE –STATE RELATIONSHIP Ch -7 STATE ADMINISTRATION |
| October | Ch -8 DISTRICT ADMINISTRATION |
| November | Ch -9 RURAL AND URBAN GOVERNMENT Ch -10 E- GOVERNANCE |

Subject : PHE

Class : XII

Subject Teacher: Nayna

| MONTH | TOPIC |
|---------------|---|
| April | Concept of physical fitness |
| May | Training Methods |
| July & August | Sociological Aspects of Physical Education |
| September | Moral Education |
| October | Sports & Environment |
| November | Yoga & Practices |
| December | Concepts OF Major Games & Sports: 7.1:- CRICKET 7.2:- ATHLETICS 7.3:- BASKETBALL 7.4:- TABLE TENNIS |
| January | Sports Medicine , FIRST Aid & Rehabilitation |
| February | Revision |

Subject: V.Ed

Class XII

Subject Teacher: Sr. Swati

| Month | Topic |
|--------------|--------------------------------|
| April | L8.My Body- A Gift |
| May | L9.Fascinating Illusion |
| July | L10.Caught in the Net |
| August | L11.Earth's Future in My Hands |
| September | L12.Real and Reel Violence |
| October | L13.Sex in Media |
| November | L14.Lights of the World |

Subject: Maths

Class XII

Sub Teacher: Suresh Kumar

| Month | Topic |
|---------------|--|
| April | Matrices |
| May | Determinants and Continuity and differentiability |
| July + August | Application of derivatives and Relations and Functions Inverse Trigonometric function |
| September | Integral and Probability. |
| October | Applications of integrals Differential equations |
| November | Three dimensional geometry. Linear programming |
| December | vector algebra+ Revision. |