



**SHERWOOD CONVENT
SCHOOL
GURUGRAM**

ANNUAL SYLLABUS

CLASS XII A

SESSION 2018-19

SHERWOOD CONVENT SCHOOL

Class: XII Session: 2018-19

SUBJECT: English

BOOKS : NCERT- Flamingo, Vistas. Novel- The Invisible Man, BBC Assignments

| Month | Syllabus |
|------------------------|---|
| March (WD: 15) | Flamingo – The Last Lesson, Poetry – Keeping Quiet. The Invisible Man(novel) ls. 1 to 4 Writing – Job Application, classified Advertisements (job, sale and purchase. |
| April (WD: 22) | Flamingo- The Lost Spring, Vistas – The Tiger King Poetry – Aunt Jennifer’s Tigers. The Invisible Man (novel) – chapter 5 to 8 Writing – Classified Advertisements Cont., Business letters Reading - Note making, BBC Assignments. Revision for PTI |
| May (WD: 21) | Flamingo– The Rattrap, Vistas – The Enemy The Invisible Man (novel) – chapter 9 to 15 Writing – Report Writing (Magazine, News Paper) Reading – Comprehension, note making (BBC Assignments) |
| July (WD:24) | Flamingo –Deep Water, Revision for PTII Vistas – On The Face of it Poetry – My Mother at sixty six The Invisible Man (novel) – chapter 16 to 20 Writing – Formal letters – (editor), Speech/Debate Reading – BBC Assignments |
| August (WD: 23) | Flamingo- Indigo, Going Places Vistas – Should Wizard Hit Mommy Poetry – An Elementary School Classroom in a Slum The Invisible Man (novel) – chapter 21 to 23 Writing – Invitations(formal and informal) Replies Article |
| September (WD: 21) | Vistas – Evans Tries O’ Level Poetry- A Thing of Beauty The Invisible Man (novel) – chapter 24 to 27. Discussion of Characters, incidents. Question Answers Writing – Notice, posters, Classified Advertisements |
| October (WD: 19) | Flamingo– Going Places Vistas- Memories of Childhood The Invisible Man (Recapitulation) Writing – Practice (Revision) Reading – Practice(Revision) |
| November | Preboard. |

SYLLABUS FOR YEAR 2018 -19

**CLASS: XII
SUBJECT: PHYSICS**

Prescribed Books: Physics, Class XII - Part 1& 2 published by NCERT

| Month | Units (CBSE) | No of working days | Contents (Text Book Chapter) |
|--------------|-------------------------|-------------------------------|---|
| Mar 18 | U-I | 9 | Chapter 1. Electric Charges and Field |
| | U-I | 6 | Chapter 2 Electrostatic Potential and Capacitance |
| Apr 18 | U-I | 11 | Chapter 2 Electrostatic Potential and Capacitance |
| | U-II | | Chapter 3. Current Electricity |
| | U-III | 11 | Chapter 4. Moving Charges and Magnetism |
| May 18 | U-III | 10 | Chapter 5. Magnetism and Matter |
| | U-IV | 10 | Chapter 6. Electromagnetic Induction |
| Jul 18 | U- IV | 11 | Chapter 7. Alternating Current |
| | U-V | | Chapter 8. Electromagnetic Waves |
| | U-VI | 13 | Chapter 9. Ray Optics & Optical Instruments |
| Aug 18 | U-VI | 10 | Chapter 10. wave Optics |
| | U- VII | 12 | Chapter 11. Dual Nature of Radiation and Matter |
| | U – VIII | | Chapter 12. Atoms |
| Sep 18 | U – VIII | 11 | Chapter13. Nuclei |
| | U –IX | 10 | Chapter 14. Semiconductor Electronics |
| Oct 18 | U – X | 10 | Chapter 15. Communication Systems |
| | | | Revision |
| | | 8 | Revision |
| Nov 18 | | 15 | Pre Board I Exams |
| Dec 18 | | 18 | Revision |
| Jan 19 | | 14 | Pre Board II Exams |

SHERWOOD CONVENT SCHOOL**Class: XII Session: 2018-19****SUBJECT: CHEMISTRY****Book : N.C.E.R.T.**

| MONTH | NAME OF THE CHAPTER | PRACTICAL |
|--------------------|--|---|
| March (15) | L-10 : Haloalkanes & Haloarenes. L-11 : Alcohol, Phenol & Ethers | |
| APRIL (22) | L-11 : Alcohol, Phenol & Ethers (contd.) L-12 : Aldehydes, Ketones and carboxylic Acids. | Test for functional groups : Alcoholic ,Phenolic ,Aldehyde, Acid |
| MAY (20) | L – 12 : Aldehydes , Ketones and carboxylic acids. (contd.) L – 13 :Amines | |
| JULY (24) | L-1 : Solid State L-2 : Solutions L-3 : Electrochemistry L-4 : Chemical Kinetics | Volumetric Analysis (2) |
| AUGUST (23) | L - 4 :Chemical Kinetics (contd.) L-5 : Surface Chemistry L-9 : Coordination Compounds | Crystal Preparation, Salt Analysis , Test for carbohydrates , fats and proteins. |
| SEPTEMBER (19) | L - 15 : Polymers L-14 : Biomolecules. L -6: General Principles and Processes of isolation of Elements. | |
| OCTOBER (19) | L-16 : Chemistry In Everyday Life. L-8 : The d-and f- Block Elements L-7 : The p-Block Elements. | Salt Analysis (contd.) Chromatography, Colloidal solution of starch. |
| NOVEMBER | PREBOARD I | |

SHERWOOD CONVENT SCHOOL

CLASS XII Biology Session- 2018-19

BOOK: N C E R T

| Month | NAME OF THE CHAPTER | PRACTICAL |
|-------------------------|---|--|
| March (W.D.15) | Chapter 1: Reproduction in Organisms Chapter 2: Sexual Reproduction in Flowering Plants | To study pollen germination. Controlled pollination -(emasulation, tagging, Bagging Technique). |
| April (WD: 22) | Chapter 3: Human Reproduction Chapter 4: Reproductive Health Chapter 5: Principles of Inheritance and Variation | Show permanent slides of T.S. of ovary, Testis, Blastula. Pedigree Analysis. |
| May (WD: 20) | Chapter 5: Principles of Inheritance and Variation (Contd.) Chapter 6: Molecular Basis of Inheritance | To study the action of salivary amylase . |
| July (WD: 24) | Chapter 6: Molecular Basis of Inheritance(Contd.) Chapter 7: Evolution Chapter 8: Human Health and Disease | Show permanent slides or specimens of disease causing organisms. Show specimen to comment upon morphological adaptations. |
| August (WD: 23) | Chapter 9: Strategies for Enhancement in food production Chapter 10: Microbes in Human Welfare | Prepare temporary mount of onion root tip to study mitosis. |
| September (WD: 21) | Chapter 11: Biotechnology: Principles and Processes Chapter 12: Biotechnology and its Applications | |
| October (WD: 19) | Chapter 13: Organisms and Populations Chapter 14: Ecosystem Chapter 15: Biodiversity and conservation Chapter 16: Environmental Issues | To study moisture content and water holding capacity of soil. To study the plant population density and frequency by quadrant method. |
| November | PRE – BOARD I | |

SHERWOOD CONVENT SCHOOL

Class: XII (Session: 2018-19)

SUBJECT: Computer Science (083) BOOK: Laxmi Publication

| MONTH | SYLLABUS | PRACTICAL |
|-----------------------|--|--|
| March (WD: 15) | Boolean Algebra | Exercise and assignment Practice of Fundamental laws, logic Gates, Canonical POS and SOP form and K map |
| April (WD: 22) | Structure & Revise class XI P.T. - I | Programs in structure Exercise and assignment |
| May (WD: 21) | Classes and object MySQL | Practical programs in class definition Exercise and assignment |
| July (WD: 24) | Inheritance P.T.- II | Practical programs in inheritance Exercise and assignment |
| August (WD:23) | Constructor and destructor | Practical programs in constructor and destructor |
| September (WD:) | Stack and queue | Practical programs in stack and queue |
| October (WD: 19) | File handling in C++ | Practical programs in file handling Exercise and assignment |
| November (WD: 15) | Network concepts and communication Pre Board-I | Practical file |
| December (WD: 19) | Revision(Array and Mysql) | Project File |
| January (WD: 14) | Pre Board-II | |

SHERWOOD CONVENT SCHOOL**Class : XII Session: 2018-19**

SUBJECT: PHYSICAL EDUC

BOOK: Saraswati Publications

| Month | Topic | Activity/Practical |
|-----------------------|---|---|
| March (WD: 15) | Planning in Sports | Games Skills (Volley ball) |
| April (WD: 22) | Sports & Nutrition P.T. - I | Specific measurements |
| May (WD: 21) | Yoga and lifestyle Training in sports | Asanas, Fitness Test |
| July (WD: 24) | Physical education and sports for differently –abled Children & Sports P.T.- II | Athletics Events – middle & long distance |
| August (WD:23) | Women & Sports Test & Measurements in Sports | |
| September (WD:) | Physiology & Sports Sports medicine | BMI & AAPHER Test Battery |
| October (WD: 19) | Kinesiology, Biomechanics & Sports Psychology & Sports | |
| November (WD: 15) | Pre Board-I | |
| December (WD: 19) | REVISION | |
| January (WD: 14) | Pre Board-II | |

SHERWOOD CONVENT SCHOOL
SYLLABUS OF MATHS – CLASS XII [2018-19]

BOOKS: NCERT PART I AND II

| MONTH | SYLLABUS | ACTIVITY |
|---------------------------------|--|-----------------|
| March (15) | Matrices Determinants | Worksheet, CT |
| April (22) | Inverse trigonometric functions Continuity and differentiability | Worksheet, CT |
| May (21) | Integration (Indefinite) | Worksheet, CT |
| July (24) | Integration (definite) Application of integration Application of derivatives | Worksheet, CT |
| August (23) | Differential equations Probability | Worksheet, CT |
| September (04) | Vectors Three dimensional geometry | Worksheet, CT |
| October (19) | Three dimensional geometry (continued) Linear Programming | CT |
| November (15) | Revision | |
| December (19) | Relation and functions | Worksheet , CT |
| January (14) | | |