APEEJAY SCHOOL, PITAMPURA

CLASS - XI

SYLLABUS 2018-19

SCIENCE STREAM

SUB.	UT - 2 (July) (20 Marks)	HALF YEARLY (Sept.) (100 Marks) (Theory + Practical)	UT - 3 (Dec.) (20 Marks)	UT-4 (January) (20 Marks)	FINAL (February/March) (100 Marks) (Theory + Practical)
ENGLISH	Hornbill-The Portrait Of A Lady, A Photograph(Poem). Snapshots-The Summer of the beautiful White Horse. Formal Letter,Advertisement,Speech.	Hornbill-The Portrait Of a Lady, We're Not afraid to Die If We All Can Be Together, Discovering Tut, A Photograph, The Laburnum Top(Poems). Snapshots-The Summer Of The Beautiful White Horse, The Address,Ranga's Marriage. Formal Letter, Article, Unseen Passage,Note making. Integrated Grammar exercises. PRACTICAL-ASL	Hornbill-Landscape of the Soul, The Voice of Rain(Poem). Snapshots-Albert Einstein At School. Notice,Formal Letter, Report.	Hornbill-The Ailing Planet, Childhood(Poem). Snapshots-Mother's Day. Poster,Formal Letter, Debate.	Hornbill-The Portrait Of a Lady, We're Not afraid to Die If We All Can Be Together, Discovering Tut, Landscape of the Soul, The Ailing Planet, The Browning Version, The Adventure, Silk Road, APhotograph, The Laburnum Top, The Voice of The Rain, Childhood, Father to Son(Poems). Snapshots-The Summer Of The Beautiful White Horse, The Address, Ranga's Marriage, Albert Einstein at school, Mother's day, The Ghat of The Only World, Birth, The Tale of the Melon City. Unseen Passage,Note making Formal Letter, Speech, Article Debate, Narrative. Notice Advertisement, Poster,Integrated Grammar exercises. PRACTICAL-ASL
PHYSICS	Chapter–1: Physical World Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line	Chapter–1: Physical World Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation	Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids	Chapter–14: Oscillations and waves Chapter-15: Waves	Chapter–1: Physical World Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Chapter–12: Thermodynamics Chapter–13: Kinetic Theory Chapter–14: Oscillations and waves Chapter–15: Ray Optics

CHEMISTRY	1.Some Basic Concepts of Chemistry 2.Structure of Atom	UNIT NO. 1.Some Basic Concepts of Chemistry 2.Structure of Atom 3.Classification of elements 4.Chemical Bonding 5.States of Matter 6.Chemical Thermodynamics	UNIT NO. 7.Chemical Equilibrium 8.Redox Reactions	10. Organic Chemistry-Some Basic Principles and Techniques 12. s – block elements	UNITNo. 1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Classification of elements 4. Chemical Bonding 5. States of Matter 6. Chemical Thermodynamics 7. Chemical Equilibrium 8. Redox Reactions 9. Hydrogen 10. Organic Chemistry-Some Basic Principles and Techniques 11. Hydrocarbons 12. s – block elements 13. Some p – block elements 14. Environmental Chemistry
BIOLOGY	Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom	Unit-I Diversity of Living Organisms Unit-II Structural Organisation in Animals and Plants Unit-III Cell: Structure and Function	Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plant	Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation	Unit-I Diversity of Living Organisms Unit-II Structural Organisation in Animals and Plants Unit-III Cell: Structure and Function Unit-IV Plant Physiology Unit-V Human Physiology
PHY. EDUCATION	Unit- 1 Changing Trends & career in Physical Education Unit- II Olympic Movement	Unit- 1 Changing Trends & career in Physical Education Unit- II Olympic Movement Unit-III Physical Fitness, Wellness & Lifestyle Unit -IV Physical Education & Sports For Differently Abled Unit-V Yoga Unit-VI Physical Activity & Leadership Training	Unit-VII Test, Measurement & Evaluation Unit- IX Kinesiology, Biomechanics & Sports	Unit-X Psychology & sports Unit- XI Training In Sports	Unit- 1 Changing Trends & career in Physical Education Unit- II Olympic Movement Unit-III Physical Fitness, Wellness & Lifestyle Unit -IV Physical Education & Sports For Differently Abled Unit-V Yoga Unit-VI Physical Activity & Leadership Training Unit-VII Test, Measurement & Evaluation Unit-VIII fundaments of Anatomy & Physiology Unit- IX Kinesiology, Biomechanics & Sports Unit-X Psychology & sports Unit- XI Training In Sports Unit-XII Doping PRACTICAL- 1. Physical fitness(10 marks) 2. Game skill (10 marks) 3.Viva (5 marks) 4.Record file (5 marks)

HOME SCIENCE	**Chapter 21 -** Management process **Chapter 22 -** Time and Energy management	**Unit III** - Food, nutrition, health and fitness **Unit IV** - Family and community resources	**Chapter 26 -** Introduction to fibre science **Chapter 27** - Fabric Construction	**Chapter 3** - Infancy **Chapter 4** - Early Childhood	**Unit I** - Concept of Home Science and its scope **Unit II** - Human Development : Lifespan Approach (Part I) **Unit III** - Food, nutrition, health and fitness **Unit IV** - Family and community resources **Unit V** - Fabric and Apparel **Unit VI** - Community Developement and extension (Part I)
COMPUTER SC.	6.GETTING STARTED WITH C++ 7. DATA HANDLING 8. OPERATORS & EXPRESSIONS IN C++ 10.FLOW OF CONTROL	5. GENERAL OOP CONECPT 6.GETTING STARTED WITH C++ 7. DATA HANDLING 8. OPERATORS & EXPRESSIONS IN C++ 10.FLOW OF CONTROL 12.ARRAYS	11.FUNCTIONS 12.ARRAYS	13. STRUCTURES 14. PROGRAMING METHODLOGY	5. GENERAL OOP CONECPT 6.GETTING STARTED WITH C++ 7. DATA HANDLING 8. OPERATORS & EXPRESSIONS IN C++ 10.FLOW OF CONTROL 11.FUNCTIONS 12.ARRAYS 13. STRUCTURES 14. PROGRAMING METHODLOGY 1.COMPUTER OVERVIEW 2.WORKING WITH OPERATING SYSTEM 3. DATA REPRESENATION 4. INPUT –OUTPUT AND MEMORY DEVICES
MATHS	1.Complex number 2.Trigonometry	1.Complex number 2.Trigonometry 3. Sequences and Series 4.Sets 5.Relations & Functions 6. Linear Inequalities 7. Limits and Derivatives	1. Permutations and combinations 2. Binomial Theorem	1. Straight lines 2. Conic Sections	1Sets 2.Relations & Functions 3.Trigonometry 4.Principle of Mathematical Induction 5.Complex number 6. Linear Inequalities 7. Permutations and combinations 8. Binomial Theorem 9. Sequences and Series 10. Straight lines 11. Conic Sections 12. Introduction to three Dimensional Geometry 13. Limits and Derivatives 14. Mathematical Reasoning 15. Statistics 16. Probability