Syllabus 2025-26

SCIENCE STREAM (XI,XII)

GRADE XI		GRADE XII	
TERM 1	**TERM2**	**TERM1**	**TERM2**
ENGLISH			
HORNBILL (PROSE) *THE PORTRAIT OF A LADY * WE'RE NOT AFRAID TO DIE.....IF WE CAN ALL BE TOGETHER	HORNBILL (PROSE) *THE PORTRAIT OF A LADY *WE'RE NOT AFRAID TO DIE... IF WE CAN BE TOGETHER *DISCOVERING TUT: THE SAGA CONTINUES *THE ADVENTURE *SILK ROAD	FLAMINGO *THE LAST LESSON *LOST SPRING *DEEP WATER *THE RATTRAP	FLAMINGO *THE LAST LESSON *LOST SPRING *DEEP WATER *THE RATTRAP *INDIGO *POETS AND PANCAKES *THE INTERVIEW *GOING PLACES
HORNBILL (POEM) * A PHOTOGRAPH *THE LABURNUM TOP	HORNBILL (POEM) *A PHOTOGRAPH *THE LABURNUM TOP *THE VOICE OF THE RAIN *CHILDHOOD *FATHER TO SON	FLAMINGO POEM *MY MOTHER AT SIXTY-SIX *KEEPING QUIET	FLAMINGO POEM *MY MOTHER AT SIXTY- SIX *KEEPING QUIET *A THING OF BEAUTY *A ROADSIDE STAND, *AUNT JENNIFER'S TIGERS
SNAPSHOTS *THE SUMMER OF THE BEAUTIFUL WHITE HORSE *THE ADDRESS	* THE SUMMER OF THE BEAUTIFUL WHITE HORSE * THE ADDRESS *MOTHER'S DAY *BIRTH *THE TALE OF MELON CITY	VISTAS *THE THIRD LEVEL *THE TIGER KING	VISTAS *THE THIRD LEVEL *THE TIGER KING *JOURNEY TO THE END OF THE EARTH *THE ENEMY *ON THE FACE OF IT *MEMORIES OF CHILDHOOD
GRAMMAR *TENSES	*QUESTIONS ON GAP FILLING (TENSES, CLAUSES) *QUESTIONS ON RE-ORDERING/TRANSFORMATION OF SENTENCES		
WRITING *ADVERTISEMENTS *SPEECH WRITING	WRITING *CLASSIFIED ADVERTISEMENTS *POSTER WRITING *SPEECH WRITING *DEBATE WRITING	WRITING *NOTICE, *FORMAL INVITATION, *LETTER TO THE EDITOR, *ARTICLE	WRITING *NOTICE *INVITATION FORMAL/INFORMAL INVITATION AND REPLY *LETTERS (LETTER TO THE EDITOR, JOB APPLICATION) *ARTICLE, *REPORT
PHYSICS			
Ch: 1(UNITS & MEASUREMENT): Ch: 2 (MOTION IN STRAIGHT LINE) Ch: 3 (MOTIN IN A PLANE); Ch: 4(LAWS OF MOTION); Ch: 5(WORK, ENERGY & POWER)	Ch: 6(SYSTEM OF PARTICLES) Ch: 7 (GRAVITATION); Ch: 8(MECHANICS OF SOLIDS); Ch: 9(MECHANICS OF FLUID) Ch: 10(THERMAL PROPERTIES OF MATTER); Ch: 11 (THERMODYNAMICS); Ch: 12(KINETIC THEORY) Ch: 13 (OSCILLATIONS); Ch: 14 (WAVES)	**Chapter 1** Electric charges and fields **Chapter 2** Electrostatic Potential and Capacitance **Chapter 3** Current Electricity **Chapter 4** Moving charges and Magnetism	**Chapter 5** Magnetism and Matter **Chapter 6** Electromagnetic Induction **Chapter 7** Alternating current **Chapter 8-** Electromagnetic waves **Chapter 9** Ray optics and optical instruments **Chapter 10** Waves optics **Chapter 11** Dual Nature of Radiation and Matter **Chapter 12** **atoms** **Chapter 13** **Nuclei** **Chapter 14** **Semi conductor electronics**
CHEMISTRY			
Chapter:1 SOME BASIC CONCEPTS OF CHEMISTRY **Chapter:2** STRUCTURE OF ATOM **Chapter:3** CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES Chapter : 4 CHEMICAL BONDING AND MOLECULAR STRUCTURE	**Chapter :5** **Thermodynamics** **Chapter :6** **Equilibrium** **Chapter :7** **Redox reactions** **Chapter :8** **Organic chemistry some basic principles and technique** **Chapter :9** **Hydrocarbons**	**CHAPTER 1:** SOLUTIONS **CHAPTER 6:** HALOALKANES AND HALOARENES **CHAPTER 2:** ELECTROCHEMISTRY **CHAPTER 7:** ALCOHOLS PHENOLS AND ETHERS	**Chapter 3: Chemical kinetics** **Chapter 4: d and f block elements** **Chapter 5 : coordination compounds** **Chapter 8 aldehydes,ketones and carboxylic acid** **Chapter 9: Amines** **Chapter 10: Biomolecules**

BIOLOGY				
1.The living world 2. Biological classification 3.Plant Kingdom 4. Animal Kingdom 5. Morphology of flowering plants 6. Anatomy of flowering plants 7. Structural organization of flowering plants 8. Cell- The unit of life 10. Cell cycle and Division	**CHAPTERS:** 9. Bio molecules 10. Cell cycle and Division Chap-9. Bio molecules 11. Photosynthesis 12. Respiration in plants 13. Plant growth and Development 14.Breathing and exchange of gases 15. Body fluids and circulation 16. Excretory products and their elimination 17.Locomotion and movement 18. Neural control and co ordination 19. chemical coordination and integration		Ch.1. Sexual Reproduction in Flowering Plants Ch.2.Human Reproduction Ch.3. Reproductive Health Ch.4.Principles of inheritance and variation Ch.5. Molecular basis of Inheritance	Ch.5 Molecular basis of inheritance Ch.6 Evolution Ch.7 Human health and disease Ch.8 Microbes on Human Welfare Ch.9 Biotechnology: principles and processes Ch.10 Biotechnology and its applications Ch.11 Organisms and population Ch.12 Ecosystem Ch.13 Biodiversity and its conservation
MATHEMATICS				
CHAPTER : 1,2,3,4,5,11	**CHAPTER: 12 to 6,7,8,9,10,12,13,14**		**CHAPTER: 1 to 6**	**CHAPTER: 7 to 13**
COMPUTER SCIENCE				
UNIT 1- COMPUTER SYSTEM ORGANIZATION UNIT 2- COMPUTATIONAL THINKING& PROGRAMMING-I (HALF)	UNIT 2- COMPUTATIONAL THINKING& PROGRAMMING-I (HALF) UNIT 3-SOCIETY, LAW AND ETHICS		TERM 1: UNIT 1- COMPUTATIONAL THINKING& PROGRAMMING-II(Half) UNIT 3- DATABASE MANAGEMENT(chapter 11 to 14)	TERM 2: UNIT 1- COMPUTATIONAL THINKING& PROGRAMMING-II(half) UNIT 2- COMPUTER NETWORKS UNIT 3- DATABASE MANAGEMENT(chapter 15)
INFORMATICS PRACTICES				
Chapter 1: Computer Systems Chapter 7: Database Concepts Chapter 8: Structured Query Language(SQL)	Chapter 2: Getting started with Python Chapter 3: Python Programming Fundamentals Chapter 4: Conditional & Looping construct Chapter 5: Lists in Python Chapter 6: Dictionary in Python Chapter 9: Emerging Trends		Chapter 1 : Data handling using pandas Chapter 2: Data virtualization using Matplotlib Chapter 6: Societal impacts	Chapter 3: Review of database concepts & SQL Chapter 4 : Database Query using SQL Chapter 5 : Computer Networks