

THE ADITYA BIRLA PUBLIC SCHOOL BHUBANESWAR

REVISED SYLLABUS BREAK UP - TERM II

SESSION: 2022-23

CLASS XI

ENGLISH		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Hornbill: Voice of the Rain	Ms.Aanandita Maitra
OCTOBER	Hornbill: Childhood The Adventure Snapshots: Mother's Day Grammar: Gap Filling (Clauses) Writing: Poster Making	
NOVEMBER	Unseen Comprehension (Revision) Note making and summary (Revision) Hornbill: The Adventure	
DECEMBER	Hornbill: Silk Road Snapshots: Birth Grammar: Reordering/ Transformation of sentences Writing: Debate Writing	
JANUARY	Unseen Comprehension (Revision) Note making and summary (Revision) Hornbill: Father to Son Snapshots: The Tale of Melon City	
MATHEMATICS		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Trigonometric Functions	Mr.Bhagbat Manna
OCTOBER	Permutations & Combinations Sequence and Series Binomial Theorem	
NOVEMBER	Straight Lines Probability	
DECEMBER	Limits and Derivatives	
JANUARY	Conic Sections Statistics	
PHYSICS		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Ch- 6 : Work, Energy and Power	Dr. Divyendu Priyadarshi
OCTOBER	Ch-7 : System of Particles and Rotational Motion Ch-8 : Gravitation Ch- 9 : Mechanical Properties of Solids	
NOVEMBER	Ch- 10: Mechanical Properties of Fluids Ch- 11 : Thermal Properties of Matter Ch- 12 : Thermodynamics	
DECEMBER	Ch- 13 : Kinetic Theory Ch- 14 : Oscillations Ch- 15 :Wave	
JANUARY	Revision	
CHEMISTRY		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Unit VIII - Redox Reactions	
OCTOBER	Unit IX - Hydrogen Unit XII - Organic Chemistry: Some basic Principles and Techniques Practicals	
NOVEMBER	Unit XIII - Hydrocarbons	

	Unit V - States of Matter: Gases and Liquids Unit VI - Chemical Thermodynamics Unit VII – Equilibrium Practicals	Mr.Partha Mitra
DECEMBER	Unit X - s -Block Elements Unit XI - Some p -Block Elements Practicals	
JANUARY	Revision & Doubt clearing sessions: Unit I - Some Basic Concepts of Chemistry Unit II - Structure of Atom Unit III - Classification of Elements and Periodicity in Properties. Unit IV - Chemical Bonding and Molecular Structure Unit VIII - Redox Reactions Unit IX - Hydrogen Unit XII - Organic Chemistry: Some basic Principles and Techniques Unit V - States of Matter: Gases and Liquids Unit VI - Chemical Thermodynamics Unit VII – Equilibrium Unit XIII - Hydrocarbons Unit X - s -Block Elements Unit XI - Some p -Block Elements Unit XIII - Hydrocarbons	
BIOLOGY		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Biomolecules - Protein	Mr. Himadri Ranjan Ghosh Ray
OCTOBER	Cell cycle and Cell division Ch. 11 Transport in plants Ch. 12 Mineral Nutrition	
NOVEMBER	Ch. 13 Photosynthesis Ch 14 respiration Ch. 15 Plant Growth and Development Ch. 16 Digestion	
DECEMBER	Ch 17 Exchange of gas Ch 18 Circulation Ch 19 Excretion	
JANUARY	Ch 20 Locomotion and Movement Ch 21 Neural control Ch 22 Chemical co ordination	
ECONOMICS		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Production Function Cost, Revenue	Ms. Rituparna Chatterjee
OCTOBER	Producer's Equilibrium Supply Measures of Dispersion	
NOVEMBER	Supply Main Market Forms Price Determination and Simple Applications	
DECEMBER	Price Determination and Simple Applications Measures of Correlation	
JANUARY	Index Numbers Project work Revision and doubt clearing sessions	
COMPUTER SCIENCE		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Computer System Organisation Python - Programming Constructs	Mr.Avik Mukherjee
OCTOBER	Python - Strings, Sets, Lists, Tuples, Dictionaries	

NOVEMBER	Python Modules Computational Thinking Society Law & Ethics	
DECEMBER	Society Law & Ethics Cyber Safety	
JANUARY	Revision	
PHYSICAL EDUCATION		
MONTH	SYLLABUS TO BE COVERED	SUBJECT TEACHER
SEPTEMBER	Unit III Yoga 1. Meaning and important of yoga 2. Introduction to Ashtanga yoga 3. Introduction to Yogic Kriyas	Mr. Laxman Verma
OCTOBER	Test , Measurement and Evaluation 1. concept of test , measurement & Evaluation in Physical education. 2. classification of test in Physical education. 3. Test administration guidelines in Physical education. Fundamental of anatomy , Physiology in sports 1. Importance 2. function of skeleton system 3. function and structure of circulatory system . 4. Function and structure of Respiration system	
NOVEMBER	Fundamental of Kinesiology and Biomechanics in sports 1. Definition and importance of kinesiology in sports . 2. Principal of Biomechanics 3. types of body movements, 4. Axis and Plane Psychology & Sports 1. Definition and impotence of psychology in physical education. 2. adolescent problem &their Mnagement 3. Team Cohesion and sports	
DECEMBER	Training and doping in sports . 1. Concept and principles of sports training . 2. Training Load , Adoption and Training 3. Concept of Doping and its Disadvantages .	
JANUARY	Revision	