

KALKA PUBLIC SCHOOL

SYLLABUS 2020 – 2021

CLASS XI

ENGLISH (301)	
BOOK:	(1) HORNBILL (2) SNAPSHOTS
JULY	<u>HORNBILL</u> –POEM- THE LABURNUM TOP <u>SNAPSHOTS</u> -CH ADDRESS <u>GRAMMAR:</u> DETERMINERS <u>WRITING:</u> SPEECH <u>NOTEMAKING</u>
AUGUST	<u>HORNBILL:</u> CH DISCOVERING TUT <u>SNAPSHOTS:</u> RANGAS MARRIAGE <u>GRAMMAR:</u> TENSES <u>WRITING:</u> LETTER OF PLACING ORDER & COMPLAINT
SEPTEMBER	<u>HORNBILL</u>) CH: LANDSCAPE OF THE SOUL <u>SNAPSHOTS:</u> ALBERT EINSTIEN AT SCHOOL <u>WRITING:</u> DEBATE /SPEECHWRITING
HALF YEARLY	<u>HORNBILL</u> -(1) THE PORTRAIT OF THE LADY (2) WE ARE NOT AFRAID TO DIE (3) DISCOVERING TUT (4) LANDSCAPE OF THE SOUL <u>POEMS</u> –1) A PHOTOGRAPH 2) THE LABURNUM TOP <u>SNAPSHOTS</u> -1) THE SUMMER OF THE BEAUTIFUL WHITE HORSE 2) ADDRESS 3) RANGAS MARRIAGE <u>GRAMMAR</u> - DETERMINERS & TENSES <u>WRITING SKILL</u> – NOTICE, POSTER, LETTER OF PLACING ORDER/COMPLAINT , SPEECH. DEBATE <u>NOTEMAKING</u>

MATHS (041)	
BOOK:	Mathematics (NCERT)
JULY	Ch 1 sets Ch. 2 Relations and functions Ch 3 Trigonometric function
AUGUST	Ch 5 complex Number Ch 6. Linear Inequality
SEPTEMBER	Ch 7 Permutations and Combinations Revision half yearly syllabus

HALF YEARLY	Ch 1, 2,3,5,6,7, 9
--------------------	--------------------

PHYSICS (042)	
BOOK:	N.C.E.R.T PART I AND II
JULY	UNIT 2 - KINEMATICS
AUGUST	UNIT 3 - LAWS OF MOTION UNIT -4 WORK, ENERGY, POWER
SEPTEMBER	UNIT 5 MOTION OF SYSTEM OF PARTICLES AND RIGID BODY UNIT 6 - GRAVITATION
HALF YEARLY	UNIT 1 - PHYSICAL WORLD AND MANAGEMENT UNIT 2 - KINEMATICS UNIT 3 - LAWS OF MOTION UNIT 4 - WORK ENERGY POWER UNIT -5 MOTION OF SYSTEM OF PARTICLES AND RIGID BODY

CHEMISTRY (043)	
BOOK:	N.C.E.R.T PART I AND II
JULY	Unit 2: Structure of Atom Unit 3: Classification of Elements and Periodicity in Properties
AUGUST	Unit 4: Chemical Bonding and Molecular Structure Unit 5: States of Matter
SEPTEMBER	Unit 6: Thermodynamics Unit 7: Equilibrium (PART 1)
HALF YEARLY	Unit 1: Some Basic Concepts of Chemistry Unit 2: Structure of Atom Unit 3: Classification of Elements and Periodicity in Properties Unit 4: Chemical Bonding and Molecular Structure Unit 5: States of Matter

BIOLOGY (044)	
BOOK:	N. C. E. R. T. BIOLOGY
JULY	UNIT 1 - THE LIVING WORLD
AUGUST	UNIT 2 - MORPHOLOGY AND ANATOMY OF ORGANISM
SEPTEMBER	UNIT 3 - CELL BIOLOGY
HALF YEARLY	UNIT 1 - THE LIVING WORLD

	UNIT 2 - MORPHOLOGY AND ANATOMY OF ORGANISM UNIT 3 - CELL BIOLOGY
--	----------------------------------------------------------------------

COMPUTER SCIENCE (083)	
BOOK:	Computer Sc with Python by Sumita Arora
JULY	Data Representation and Conversions Unit II: Computational Thinking and Programming - 1 Introduction to Problem solving Getting Started with Python Python Overview Python Fundamentals
AUGUST	Unit II: Computational Thinking and Programming - 1 (Cont.....) Python Fundamentals Data Handling Conditional and Iterative Statement Strings in Python
SEPTEMBER	Unit II: Computational Thinking and Programming - 1 (Cont.....) Strings in Python Revision for Half Yearly
HALF YEARLY	Unit I: Computer Systems and Organisation Unit II: Computational Thinking and Programming - 1 (upto String)

ACCOUNTANCY (055)	
BOOK:	DOUBLE ENTRY BOOK KEEPING SYSTEM (T.S.GREWAL)
JULY	CHAPTER 4 BASES OF ACCOUNTING CHAPTER 6 ACCOUNTING PROCEDURE –RULES OF DEBIT AND CREDIT CHAPTER 8 JOURNAL CHAPTER 9 LEDGER (CONTINUED)
AUGUST	CHAPTER 9: LEDGER CHAPTER 10: SPECIAL PURPOSE BOOK – CASH BOOK CHAPTER 11: SPECIAL PURPOSE BOOK – OTHER BOOKS
SEPTEMBER	CHAPTER 12: BANK RECONCILIATION STATEMENT CHAPTER 13: TRIAL BALANCE CHAPTER 14: DEPRECIATION
HALF YEARLY	CHAPTER 1: INTRODUCTION TO ACCOUNTING CHAPTER 2: BASIC ACCOUNTING TERMS CHAPTER 4 BASES OF ACCOUNTING CHAPTER 6 ACCOUNTING PROCEDURE –RULES OF DEBIT AND CREDIT CHAPTER 8 JOURNAL CHAPTER 9 LEDGER CHAPTER 10: SPECIAL PURPOSE BOOK – CASH BOOK

	<p>CHAPTER 11: SPECIAL PURPOSE BOOK – OTHER BOOKS</p> <p>CHAPTER 12: BANK RECONCILIATION STATEMENT</p> <p>CHAPTER 13: TRIAL BALANCE</p> <p>CHAPTER 14: DEPRECIATION</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ECONOMICS (030)	
BOOK:	<p>NCERT- MICROECONOMICS</p> <p>NCERT – STATISTICS</p> <p>REFERENCE BOOKS: -</p> <p>MICROECONOMICS – C B SACHDEVA</p> <p>STATISTICS – T R JAIN and V K OHRI</p>
JULY	<p>MICROECONOMICS – CONSUMER EQUILIBRIUM AND DEMAND</p> <p>STATISTICS – CENSUS AND SAMPLE METHODS OF DATA COLLECTION</p>
AUGUST	<p><u>MICROECONOMICS –</u></p> <p>SUPPLY</p> <p><u>STATISTICS –</u></p> <p>ORGANISATION OF DATA</p> <p>TEXT AND TABULAR PRESENTATION OF DATA</p> <p>DIAGRAMATIC PRESENTATION OF DATA</p> <p>FREQUENCY DIAGRAMS</p>
SEPTEMBER	<p><u>MICROECONOMICS –</u></p> <p>PRODUCTION FUNCTION and RETURNS TO A FACTOR(PART)</p> <p><u>STATISTICS –</u></p> <p>MEASURES OF CENTRAL TENDENCY –ARITHMATIC MEAN</p>
HALF YEARLY	<p><u>MICROECONOMICS –</u></p> <p>CONSUMER EQUILIBRIUM AND DEMAND</p> <p>SUPPLY</p> <p>PRODUCTION FUNCTION and RETURNS TO A FACTOR(PART)</p> <p><u>STATISTICS: -</u></p> <p>CONCEPT OF STATISTICS AND SIGNIFICANCE OF STATISTICS IN ECONOMICS</p> <p>CENSUS AND SAMPLE METHODS OF DATA COLLECTION</p> <p>ORGANISATION OF DATA</p> <p>TEXT AND TABULAR PRESENTATION OF DATA</p> <p>DIAGRAMATIC PRESENTATION OF DATA</p> <p>FREQUENCY DIAGRAMS</p> <p>CENSUS AND SAMPLE METHODS OF DATA COLLECTION</p> <p>ORGANISATION OF DATA</p>

SOCIOLOGY (039)	
BOOK:	Part A: Introducing Sociology (Book 1) Part B: Understanding society (Book 2)
JULY	Book 1: Ch 3 understanding social institutions Ch 4 Culture and Socialization
AUGUST	Book 2: CH 2 social change and social order in rural and urban society CH 4 Introducing Western Sociologists
SEPTEMBER	Book 2: CH 5 Indian Sociologists
HALF YEARLY	Book 1: Ch-2,3,4 Book 2: Ch-2,4,5

BUSINESS STUDIES (054)	
BOOK:	NCERT
JULY	<ul style="list-style-type: none"> ● Cooperative Organizations, ● Joint Stock Companies, ● Public Sector Enterprises
AUGUST	<ul style="list-style-type: none"> ● Business Services, ● Emerging Mode of Business And ● Social Responsibility
SEPTEMBER	<ul style="list-style-type: none"> ● Sources of Finance Small Business
HALF YEARLY	SYLLABUS COVERED BEFORE HALF YEARLY

ENTREPRENEURSHIP (066)	
BOOK:	Entrepreneurship for class XI by CBSE
JULY	Unit 2: AN ENTREPRENEUR <ul style="list-style-type: none"> ● Types of Entrepreneurs ● Competencies and Characteristics; Ethical Entrepreneurship. Entrepreneurial Value: Values, Attitudes and Motivation
AUGUST	Unit 2: AN ENTREPRENEUR (Cont.) <ul style="list-style-type: none"> ● Mindset of an Employee and an Entrepreneur- Difference ● Intrapreneur: Importance in Any Organization Unit 3: ENTREPRENEURSHIP JOURNEY <ul style="list-style-type: none"> ● Self-Assessment of Qualities, Skills, Resources and Dreams. ● Generation of Ideas. ● Feasibility Study ● Opportunity Assessment ● Business Plan Preparation
SEPTEMBER	Unit 3: ENTREPRENEURSHIP JOURNEY <ul style="list-style-type: none"> ● Execution of Business Plan ● Role of Society and Family in the growth of an entrepreneur. ● Challenges faced by women in Entrepreneurship

	<p>Unit 4: ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING</p> <ul style="list-style-type: none"> ● Entrepreneurs- as problem solvers. ● Innovations and Entrepreneurial Ventures. ● Social Entrepreneurship-Concept and Importance <p>Risk taking Concept; types of business risks.</p>
HALF YEARLY	<p>Unit 1 to 4</p> <p>Unit 1: ENTREPRENEURSHIP: WHAT, WHY AND HOW?</p> <p>Unit 2: AN ENTREPRENEUR</p> <p>Unit 3: ENTREPRENEURSHIP JOURNEY</p> <p>Unit 4: ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING (COVERED BEFORE HALF YEARLY)</p>

POLITICAL SCIENCE (028)	
BOOK:	<p>Book-1: Indian constitution at work</p> <p>Book-2: Political Theory</p>
JULY	<p>Book 1: CH 2 Rights in the Indian constitution CH 3 Election and Representation</p> <p>Book 2. CH 1 Political theory: an introduction CH2 Freedom</p>
AUGUST	<p>Book 1: CH 2 Rights in the Indian constitution CH 3 Election and Representation</p> <p>Book 2. CH 1 Political theory: an introduction CH2 Freedom</p>
SEPTEMBER	<p>Book 1 : CH 6 Judiciary CH 8 Local government (as per revised syllabus)</p>
HALF YEARLY	<p>Book 1: Ch-2,3,4,5</p> <p>Book 2: Ch-1,2,3,4,5</p>

PAINTING (049)	
BOOK(s):	HISTORY OF INDIAN ART
JULY	<p>Elements of art, Art Forms, limbs of art, Pre-historic Rock Paintings: 1. A. Pre-Historic Rock-Paintings Introduction 1) Period and Location 2) Study and appreciation of following Pre-historic paintings: (i) Wizard's Dance, Bhimbethaka</p>
AUGUST	<p>Art of Indus Valley: B. Introduction (i) Period and Location. (ii) Extension: In about 1500 miles (a) Harappa & Mohenjo-Daro (Now in Pakistan) (b) Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India)</p>
SEPTEMBER	<p>Study and appreciation of following: Sculptures and Terracottas: (i) Dancing girl (Mohenjo-daro) Bronze, 10.5 x 5 x 2.5 cm. Circa 2500 B.C. (Collection: National Museum, New Delhi). (ii) Male Torso (Harappa) Red limestone, 9.2 x 5.8 x 3 cms. Circa 2500 B.C. (Collection: National Museum, New Delhi) (iii)</p>

	Mother Goddess (Mohenjo-daro) terracotta, 22 x 8 x 5 c Circa 2500 B.C. (Collection: National Museum, New Delhi). 3. Study and appreciation of following Seal: (i) Bull (Mohenjo-daro) Stone (Steatite), 2.5 x 2.5 x 1.4 cm. Circa 2500 B.C. (Collection: National Museum, New Delhi). Decoration on earthen wares: (i) Painted earthen-ware (Jar) Mohenjo-daro (Collection: National Museum, New Delhi).
HALF YEARLY	Elements of art, Art Forms, limbs of art, Pre-Historic rock paintings and art of Indus Valley

I.P. (065)	
BOOK:	Informatics Practices with Python By Sumita Arora
JULY	Unit 3: Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language.
AUGUST	Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE TABLE Data Query: SELECT, FROM, WHERE. Data Manipulation: INSERT Unit 2: Introduction to Python Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion, debugging.
SEPTEMBER	Control Statements: if-else, for loop
HALF YEARLY	SYLLABUS COVERED till Sept.

HINDI (085)	
BOOK:	आरोह -भाग 1 वितान भाग 1 अभिव्यक्ति और माध्यम(व्याकरण)
JULY	-मियां नसीरुद्दीन(गद्य), मीरा -जीवन परिचय एवं मीरा के पद-भाग -1 तथा भाग 2 भारतीय गायिकाओं में बेजोड़ लता मंगेशकर*(वितान),

	पत्र लेखन(औपचारिक पत्र) अर्थग्रहण संबंधी प्रश्न(काव्यांश), काव्य सौंदर्य
AUGUST	-वे आँखे घर की याद(काव्य) दृश्य लेखन,प्रतिवेदन अर्थग्रहण संबंधी प्रश्न,काव्य सौंदर्य पत्र (अनौपचारिक)
SEPTEMBER	गलता लोहा(गद्य) राजस्थान की रजत बूंदे(वितान) शब्दकोश संबंधी प्रश्न
HALF YEARLY	व्याकरण --अपठित गड्यांश, अपठित काव्यांश, दृश्य लेखन, पत्रलेखन, प्रतिवेदन, शब्दकोश, जनसंचार के माध्यम गद्य --नमक का दरोगा, मियां नसीरुद्दीन, गलता लोहा, काव्य --कबीर के पद,मीरा के पद, वे आँखे, घर की याद, वितान ---भारतीय गायिकाओं में बेजोड़ -लता मंगेशकर