



S G PUBLIC SR SEC SCHOOL

SECTOR-15, VASUNDHARA GHAZIABAD

(CBSE Affiliated)

Syllabus of the Session 2024-25

Class: XI

Subject : Computer science(083)
Name of the Books : Computer Science with Python
(Preeti Arora)

MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April	Chapter -1	Computer System and Organization	
May	Chapter-3	Conditional Thinking and Getting started with Python	UT-1: Ch 1:Computer System and Organization
July	Chapter-4	Python Programming Fundamentals	UT-2: Ch 3:Conditional Thinking and Getting started with Python Ch 4:Python Programming Fundamentals
August	Chapter-5	Conditional and Looping Constructs	
September	Chapter -6	Strings in Python	HALF YEARLY EXAM Ch 1: Computer System and Organization Ch4: Python Programming Fundamentals Ch3: Conditional Thinking and Getting started with Python Ch. 5: Conditional and Looping Constructs Ch 6: Strings in Python
October	Chapter-7 Chapter -2	Lists in Python Data representation and Boolean Logic	
November	Chapter-8 Chapter-10	Tuples and Dictionary Society ,Law and Ethics	UT-3 : 1. Lists in Python

			2. Data representation and Boolean Logic
December	Chapter- 9 Chapter-11	Introduction to Python Modules Cyber safety	UT-4 : Ch 8: Tuples and Dictionary Ch-10: Society ,Law and Ethics
January	Revision	Revision for Annual Exam	
February	Revision		ANNUAL EXAM- Whole syllabus

CLASS: XI
SUBJECT: ENGLISH
NAME OF THE BOOKS: NCERT
Syllabus of the Session 2024-25

MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April	Hornbill Snapshots	Prose- Portrait of a lady Poem- A Photograph Summer of Beautiful white horse Writing- Classified Advertisement Grammar- Determiners Reading- Comprehension (Factual, Descriptive)	
May	Hornbill Snapshots	Prose- We're not afraid to die.... If we can all be together Poem- The Laburnum Top The Address Writing- Speech, Posters Grammar- Determiners Reading- Comprehension (case-based)	UT-1 Prose- Portrait of a lady Poem- A Photograph Summer of Beautiful white horse Writing- Classified Advertisement Grammar- Determiners Reading- Comprehension (Factual, Descriptive)
July	Hornbill Snapshots	Prose- Discovering Tut Poem- The voice of the rain, Childhood Mother's Day Writing- Report Writing Grammar- Determiners Reading- Comprehension (Factual, Descriptive)	UT-2 Prose- Discovering Tut Poem- The voice of the rain, Childhood The Laburnum Top Mother's Day Writing- Report Writing Grammar- Determiners Reading- Comprehension (Factual, Descriptive)
August	Hornbill	Prose- Adventure	

	Snapshots	Poem -Father to son Birth Writing - Articles Grammar - Changing of voice editing, reordering Reading -Comprehension (Factual, Descriptive)	
September	Anything left out in above months will be completed.	REVISION for half-yearly Examination	Half-yearly exam Hornbill: Prose -Adventure, Portrait of a lady, Discovering Tut, we're not afraid to die.... Poem -Father to son, Childhood, Laburnum Top, The voice of the rain, childhood Snapshots: Birth, Summer of Beautiful white horse, The Address, Mother's Day Writing -Articles, Posters, Classified Advertisements, Report writing Grammar - Determiners, Tenses (reordering of sentences, gap filling etc.) Reading -Comprehension (Factual, case-study)
October	Hornbill Snapshots	Prose-Silk Road Birth (Continued.) Writing - Revision Grammar - Gap filling, Sentence Reordering, Sentence Transformation	
November	Hornbill Snapshots	Revision Poem- Revision The tale of melon city Writing - Revision Grammar - Gap filling, Sentence Reordering, Sentence Transformation	UT-3 Prose -Silk Road, Adventure Poem - Father to son, Childhood Snapshots - Birth, The Tale of Melon City Writing - Debate/ posters Grammar -Change of voice
December	Revision	Revision	UT-4 Prose - Adventure, Silk Road Poem -Father to son, Snapshots - Birth, The Tale of Melon City Writing - Articles Grammar - Changing of voice editing, reordering Reading -Comprehension (Factual, Descriptive)

January	Revision	Revision	
February	Annual Exam		<u>ANNUAL EXAM</u> Whole Syllabus
Subject : INFORMATION TECHNOLOGY(802) Name of the Books : INFORMATION TECHNOLOGY (By Preeti Saxena)			
MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April	Chapter-1(Part A)	Computer Organization	
May	Chapter-1(Part B)	Communication Skills-III	UT-1 1.Computer Organization
July	Chapter -2(Part B)	Networking And Internet	UT-2 1. Communication Skills-III 2. Networking And Internet
August	Chapter-3 (Part B) Chapter -3(Part A)	Office Automation Tools ICT Skills-III	
September	Chapter-4(Part B)	RDBMS	HALF YEARLY EXAM 1: Computer Organization 2. Communication Skills-III 3. Networking And Internet 4. Office automation Tools 5. ICT Skill-III
October	Chapter-5(Part B)	Fundamentals of JAVA	
November	Chapter-4(Part A) Chapter-5(Part A)	Entrepreneurial Skills-III Green Skills-III	UT-3 : 1. Fundamental of Java 2. Green Skills-III
December	Chapter-2(Part B)	Self-Management Skills-III	UT-4 : 1. Entrepreneurial Skills-III 2. Self-Management Skills-III
January	Revision		
February	Revision		Annual: Whole Syllabus

Subject : MATHEMATICS			
Name of the Books : NCERT, EXAMPLAR, R D SHARMA			
MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April	Ch. – 01	Sets	
	Ch. – 02	Relations and Functions	
	Ch. – 03	Trigonometric Functions	
May	Ch. – 03	Trigonometric Functions	UT-1
	Ch. – 04	Complex Numbers and Quadratic Equations	TOPICS- Sets, Relations and Functions and Trigonometric Functions,
July	Ch. – 05	Linear Inequalities	UT-2 TOPICS- Complex Numbers and Quadratic Equations, Linear Inequalities Permutations and Combinations, Binomial Theorem
	Ch. – 06	Permutations and Combinations	
August	Ch. – 07	Binomial Theorem	
	Ch. – 08	Sequence and Series	
September	Ch. – 09	Straight Lines	HALF YEARLY EXAM TOPICS- Sets, Relations and Functions and Trigonometric Functions, Complex Numbers and Quadratic Equations, Linear Inequalities Permutations and Combinations, Binomial Theorem

October	Ch. – 10 Ch. – 11	Conic sections Three – dimensional geometry	
November	Ch. – 12	Limits and Derivatives	UT-3 TOPICS- Conic sections, Three – dimensional geometry and Limits and Derivatives
December	Ch. – 13 Ch. – 14	Statistics Probability	UT-4 TOPICS- Statistics, Probability
January	Revision	Revision	
February			ANNUAL EXAM TOPICS- Trigo. Functions, Linear Inequalities, Sets, Relations and Functions, Permutations and Combinations, Three - Dimensional Geometry, Limits and Derivatives, Probability

Subject : Chemistry
Name of the Books : Ncert

MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April	1	Some basic concepts of chemistry	
May	2	Structure of atom	UT-1 Chapter -1 Chapter-2

July	3. 4.	Classification of elements Chemical bonding	UT – 2 Chapter – 3 Chapter - 4
August	5.	Thermodynamics	Half Yearly Exam – Chapter 1 to 5
September	6.	Equilibrium	
October	7 8.	Redox reaction General organic chemistry	
November	9.	Hydrocarbon	UT – 3 Chapter 6 Chapter 7
December		Revision	UT – 4 Chapter 8 Chapter 9
January		Revision	
February			ANNUAL EXAM TOPICS- Whole syllabus

Subject : BIOLOGY

Name of the Books : NCERT, EXAMPLAR

MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
--------------	-----------------------	---------------------	--------------

April	Chapter 1 Chapter 2	Living World Biological Classification	
May	Chapter 3 Chapter 4	Plant Kingdom Animal Kingdom	UT 1 Ch1 -Living World Ch 2-Biological Classification Ch 3 - Plant Kingdom
July	Chapter 5 Chapter 6	Morphology of Flowering Plants Anatomy of Flowering Plants	UT 2 Ch 4 - Animal Kingdom Ch 5- Morphology of Flowering Plants Ch 6 -Anatomy of Flowering Plants
August	Chapter 7 Chapter 8 Chapter 9 Chapter 10	Structural Organisation in Animals Cell: The Unit of Life Biomolecules Cell Cycle and Cell Division	
September	Chapter 13 Chapter 14 Chapter 15	Photosynthesis in Higher Plants Respiration in Plants Plant Growth and Development	HALF YEARLY EXAM Chapter 1 Chapter 2 Chapter 3 Chapter 4 Chapter 5 Chapter 6 Chapter 7 Chapter 8 Chapter 9 Chapter 10
October	Chapter 17 Chapter 18 Chapter 19	Breathing and Exchange of Gases Body Fluids and Circulation Excretory Products and their Elimination	
November	Chapter 20 Chapter 21 Chapter 22	Locomotion and Movement Neural Control and Coordination Chemical Coordination and Integration	UT 3 Ch13 Photosynthesis in Higher Plants Ch 14 Respiration in Plants Ch 15 Plant Growth and Development
December	Revision		UT 4 Ch 17 -Breathing and Exchange of Gases

			Ch 18- Body Fluids and Circulation
January	Revision		
February			ANNUAL Full Syllabus
Subject : Physics Name of the Books : NCERT			
MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April			
May	Chapter–1 Chapter–2 Chapter–3	Units and Measurements Motion in a Straight Line Motion in a Plane	UT-1 TOPICS- Chapter–1 Chapter–2
July	Chapter–4 Chapter–5	Laws of Motion Work, Energy and Power	UT-2 TOPICS- Chapter–1 to 5
August	Chapter–6 Chapter–7	System of Particles and Rotational Motion Gravitation	
September	Chapter–8 Chapter–9	Mechanical Properties of Solids Mechanical Properties of Fluids	HALF YEARLY EXAM TOPICS- Chapter 1 to 7
October	Chapter–10 Chapter–11	Thermal Properties of Matter Thermodynamics	
November	Chapter–12 Chapter–13	Kinetic Theory Oscillations	UT-3 TOPICS- Chapter–8 to 11
December	Chapter–14	Waves	UT-4 TOPICS Chapter–12 to 14
January	Revision		
February	Revision		ANNUAL EXAM TOPICS- Full Syllabus

Subject : PHYSICAL EDUCATION
Name of the Books : SARASWATI PUBLICATION

MONTH	CHAPTER NUMBER	CHAPTER NAME	EXAMS
April	CHAPTER-1	CHANGING TRENDS & CAREER IN PHYSICALEDUCATION	--
May	CHAPTER-2	OLYMPISM	UT-1 TOPICS- CHAPTER-1 & 2
July	CHAPTER-3 CHAPTER-4	YOGA PHYSICAL EDUCATION & SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS - DIVYANG)	UT-2 TOPICS- CHAPTER-3 & 4
August	CHAPTER-5	PHYSICAL FITNESS, HEALTH AND WELLNESS	
September	--	--	HALF YEARLY EXAM TOPICS- CHAPTER-1 TO 5
October	CHAPTER-6 CHAPTER-7	TEST, MEASUREMENT & EVALUATION FUNDAMENTALS OF ANATOMY, PHYSIOLOGY INSPORTS	--
November	CHAPTER-8	FUNDAMENTALS OF KINESIOLOGY ANDBIOMECHANICS IN SPORTS	UT-3 TOPICS- CHAPTER-6 & 7
December	CHAPTER-9 CHAPTER-10	PSYCHOLOGY IN SPORTS TRAINING AND DPOING INSPORTS	UT-4 TOPICS- CHAPTER-7 & 8
January	Revision	--	--
February		--	ANNUAL EXAM TOPICS- CHAPTER-1 TO 10

