

**SANT NIRANKARI PUBLIC SCHOOL
NIRANKARI COLONY, DELHI
SYLLABUS (2019-20)
CLASS XII A (SCIENCE STREAM)**

<u>ENGLISH</u>		
MONTH	CHAPTER	TOPIC
MARCH,2019	F1	THE LAST LESSON
	P1	MY MOTHER AT 66
	WRITING	NOTICE, ADVERTISEMENT
	READING	UNSEEN PASSAGES, NOTEMAKING
APRIL,2019	F2	LOST SPRING
	P2	AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM
	V1	THE THIRD LEVEL
	V2	THE TIGER KING
	WRITING	POSTER, LETTER TO THE EDITOR
MAY, 2019	F3	DEEP WATER
	V3	JOURNEY TO THE END OF THE EARTH
	P3	KEEPING QUIET
PERIODIC ASSESSMENT- I (SYLLABUS - MARCH, APRIL)		
JULY,2019	F4	THE RAT TRAP
	P4	A THING OF BEAUTY
	V4	THE ENEMY
	WRITING	ENQUIRY LETTER, PLACING ORDER, ARTICLE WRITING
AUGUST,2019	F5	INDIGO
	V5	SHOULD WIZARD HIT MOMMY
	V6	ON THE FACE OF IT
	WRITING	INVITATION , COMPLAINT LETTER, CANCELLATION LETTER , SPEECH
PERIODIC ASSESSMENT- II (SYLLABUS-MARCH TO AUGUST)		
SEPTEMBER,2019	F6	POETS AND PANCAKES
	F7	THE INTERVIEW
	WRITING	JOB APPLICATION, DEBATE
OCTOBER,2019	F8	GOING PLACES
	V7	EVANS TRIES AN O-LEVEL
	V8	MEMORIES OF CHILDHOOD
	WRITING	REPORT WRITING
NOVEMBER,2019		REVISION
DECEMBER,2019		PRE-BOARD-I (FULL SYLLABUS)
JANUARY, 2019		PRE-BOARD-II (FULL SYLLABUS)

MATHEMATICS

MONTH	CHAPTER	TOPICS
MARCH	2	INVERSE TRIGONOMETRY FUNCTION
	3	MATRICES
APRIL	4	DETERMINANT
	5	CONTINUITY AND DIFFERENTIABILITY
	6	APPLICATION OF DERIVATIVES
MAY	7	INTEGRATION

PERIODIC ASSESSMENT- I

MONTH	CHAPTER	TOPICS
JULY	8	APPLICATION OF INTEGRATION
	9	DIFFERENTIAL EQUATION
AUGUST	10	VECTOR ALGEBRA
	11	THREE DIMENSIONAL GEOMETRY
SEPTEMBER	1	RELATION AND FUNCTION

PERIODIC ASSESSMENT- II

MONTHS	CHAPTER	TOPICS
OCTOBER	12	LINEAR PROGRAMMING PROBLEM
	13	PROBABILITY

COMPUTER SCIENCE

MONTH	CHAPTER
MARCH	CH-1 C++ REVISION TOUR CH-2 BASIC OBJECT ORIENTED PROGRAMMING CONCEPTS
APRIL	CH-3 FUNCTION OVERLOADING CH-4 CLASSES AND OBJECTS
MAY	CH-5 CONSTRUCTOR AND DESTRUCTOR
PERIODIC ASSESSMENT- I (CH 1 TO 5)	
JULY	CH-6 INHERITANCE CH-7 DATA FILE HANDLING
AUGUST	CH-11 DATABASE CONCEPTS CH-12 STRUCTURED QUERY LANGUAGE CH-13 BOOLEAN ALGEBRA CH-14 COMMUNICATION AND NETWORK CONCEPTS
SEPTEMBER	PERIODIC ASSESSMENT- II (CH-1 TO 7,11,12,13,14)
OCTOBER	CH-8 POINTERS CH-9 DATA STRUCTURE-I CH-10 DATA STRUCTURE-II

PHYSICS

NAME OF THE MONTH	S.N. of the UNITS	NAME OF THE CHAPTER
MARCH	I	ELECTROSTATICS
	II	ELECTRICITY
APRIL	III	MAGNETIC EFFECT
PERIODIC ASSESSMENT- I SYLLABUS (UNIT I & II)		
JULY	IV	EMI AND AC
	V	EM WAVE
AUGUST	VI	WAVE OPTICS
PERIODIC ASSESSMENT- I SYLLABUS (UNIT I - VI)		
SEPTEMBER	VII	DUAL NATURE
OCTOBER	VIII	ATOMS AND NUCLEI
OCTOBER	IX	ELECTRONICS
	X	COMMUNICATION SYSTEM

BIOLOGY

Monthwise break up for Biology class XII (2019-2020)

Name of the month	No of the chapter	Name of the chapter
March	Chapter 1	Reproduction in organisms
	Chapter 2	Sexual reproduction in flowering plants
April	Chapter 3	Human reproduction
	Chapter 4	Reproductive health
MAY	PERIODIC ASSESSMENT- I	
May	Chapter 5	Principles of inheritance and variations
	Chapter 6	Molecular basis of inheritance
July	Chapter 7	Evolution
	Chapter 8	Human health and diseases
	Chapter 9	Strategies for enhancement in food production
August	Chapter 10	Microbes in human welfare
	Chapter 13	Organisms and populations
September	REVISION + PERIODIC ASSESSMENT- II	
	PRACTICALS (03/09/2019-06/09/2019)	
September	Chapter 14	Ecosystem
	Chapter 15	Biodiversity and conservation
	Chapter 16	Environmental issues
October	Chapter 11	Biotechnology: principles and processes
	Chapter 12	Biotechnology and its applications
December	PREBOARD 1 (02/12/2019-----13/12/19)	
January	PREBOARD II(02/01/2020-----10/01/2020)	
February	REVISION	

CHEMISTRY

NAME OF THE MONTH	CHAPTER NO.	NAME OF THE CHAPTER
MARCH	2	SOLUTIONS
APRIL	3	ELECTROCHEMISTRY
	4	CHEMICAL KINETICS
	5	SURFACE CHEMISTRY
MAY	PERIODIC ASSESSMENT- I	
MAY	10	HALOALKANES AND HALOARENES
	11	ALCOHOLS, PHENOLS AND ETHER
JULY	12	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
	13	AMINES
	15	POLYMERS
AUGUST	6	GENERAL PRINCIPLES OF ISOLATION OF ELEMENTS
	7	p-BLOCK ELEMENTS
	14	BIOMOLECULES
SEPTEMBER	REVISION + PERIODIC ASSESSMENT- II	
OCTOBER	8	d- AND f- BLOCK ELEMENTS
	9	COORDINATION CHEMISTRY
	16	CHEMISTRY IN EVERYDAY LIFE
DECEMBER	PRE-BOARD I	
JANUARY	PRE BOARD II	

PHYSICAL EDUCATION		
NAME OF THE MONTH	CHAPTER NO.	NAME OF THE CHAPTER
MARCH	1	TRAINING IN SPORTS
APRIL	2	PSYCHOLOGY AND SPORTS
MAY	5	PLANNING IN SPORTS
PERIODIC ASSESSMENT- I (SYLLABUS – MARCH & APRIL)		
JULY	7	PHYSIOLOGY AND INJURIES IN SPORTS
AUGUST	8	TEST AND MEASUREMENT IN SPORTS
	9	YOGA AND LIFESTYLE
		PRACTICAL FILE WORK
PERIODIC ASSESSMENT- II (SYLLABUS-MARCH TO AUGUST)		
SEPTEMBER	10	CHILDREN AND WOMEN IN SPORTS
	3	BIOMECHANICS AND SPORTS
OCTOBER	11	SPORTS AND NUTRITION
	12	PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY
NOVEMBER		REVISION
DECEMBER		PRE BOARD 1
JANUARY		PRE BOARD 2