SUNRISE INTERNATIONAL SCHOOL
SYLLABUS FOR THE SESSION OF (2019-20)
SUBJECT: PHYSICS
CLASS: XII

NAME OF THE BOOK	TEXT BOOK
AUTHOR'S NAME	NCERT
TOTAL UNITS	9

CH-	SYLLABUS: TOTAL UNITS
1.	UNIT 1 ELECTROSTATICS
2.	UNIT 2 CURRENT ELECTRICITY
3.	UNIT 3 MAGNETIC EFFECT OF ELECTRIC CURRENT
4.	UNIT 4 EMI AND A.C
5.	UNIT 5 EM WAVES
6.	UNIT 6 OPTICS
7.	UNIT 7 DUAL NATURE OF MATTER AND RADIATION
8.	UNIT 8 ATOMSAND NUCLEI
9.	UNIT 9 SEMI CONDUCTOR AND ELECTRONIC DEVICES

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%
1.	UNIT 1 ELECTROSTATICS		
2.	UNIT 2 CURRENT ELECTRICITY		
3.	UNIT 3 MAGNETIC EFFECT OF ELECTRIC CURRENT		

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	

1.	UNIT 3 MAGNETIC ELEMENTS (COMPLETE)
2.	UNIT 4 EMI AND A.C
3.	UNIT 5 EM WAVES
4.	UNIT 6 OPTICS
	PT – 1 ALL UNITS WILL BE INCLUDED

3.		MONTH	RANGE%
	CHAPTER NAME	OCTOBER - NOVEMBER	100%
1	UNIT 7 DUAL NATURE OF MATTER AND RADIATION		
2	UNIT 8 ATOMSAND NUCLEI		
3	UNIT 9 SEMI CONDUCTOR AND ELECTRONIC DEVICES		

PRE BOARD EXAMINATION

4.	PRE BOARD	MONTH	RANGE%
	CHAPTER NAME	DECEMBER	100%
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		

SUNRISE INTERNATIONAL SCHOOL
SYLLABUS FOR THE SESSION OF (2019-20)
SUBJECT: CHEMISTRY
CLASS: XII

NAME OF THE BOOK	TEXT BOOK
AUTHOR'S NAME	NCERT
TOTAL CHAPTERS	16

CH-	SYLLABUS: TOTAL CHAPTERS
1.	
2.	Chapter-2 Solutions
3.	Chapter-3 Electrochemistry
4.	Chapter-4 Chemical Kinetics
5.	Chapter-5 Surface Chemistry
6.	Chapter-6 Isolation of Elements
7.	Chapter-7 p-block elements
8.	Chapter-8 d and f-block elements
9.	Chapter-9 Coordination Chemistry
10.	Chapter-10 Alkyl and Aryl Halides
11.	Chapter-11 Alcohols, phenols and ethers
12.	Chapter-12Aldehydes, Ketones and Carboxylic acids
13.	Chapter-13 Amines
14.	Chapter-14 Biomolecules
15.	Chapter-15 Polymers
16.	Chapter-16 Chemistry in Everyday Life

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%
1.	Chapter-2 Solutions		

2.	Chapter-3 Electrochemistry		
3.	Chapter-4 Chemical Kinetics		
4.	Chapter-5 Surface Chemistry		
5.	Chapter-6 Isolation of Elements		
6.	Chapter-7 p-block elements		
7.	Chapter-8 d and f-block elements		

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	
1.	Chapter-9 Coordination Chemistry		
2.	Chapter-10 Alkyl and Aryl Halides		
3.	Chapter-11 Alcohols, phenols and ethers		
4.	Chapter-12Aldehydes, Ketones and Carboxylic acids		
	PT – 1 ALL CHAPTERS WILL BE INCLUDED		

3.		MONTH	RANGE%
	CHAPTER NAME	OCTOBER - NOVEMBER	100%
1	Chapter-13 Amines		
2	Chapter-14 Biomolecules		
3	Chapter-15 Polymers		
4	Chapter-16 Chemistry in Everyday Life		

PRE BOARD EXAMINATION

4.	PRE BOARD	MONTH	RANGE%
	CHAPTER NAME	DECEMBER	100%
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		

SUNRISE INTERNATIONAL SCHOOL
SYLLABUS FOR THE SESSION OF (2019-20)
SUBJECT: BIOLOGY
CLASS: XII

NAME OF THE BOOK	TEXT BOOK
AUTHOR'S NAME	NCERT
TOTAL CHAPTERS	16

CH-	SYLLABUS: TOTAL CHAPTERS
1.	CH-1 REPRODUCTION IN ORGANISM
2.	CH-2 SEXUAL REPRODUCTION IN FLOWERING PLANTS
3.	CH-3 HUMAN REPRODUCTION
4.	CH-4 REPRODUCTIVE HEALTH
5.	CH-5 PRINCIPLES OF INHERITANCE AND VARIATION
6.	CH-6 MOLECULAR BASIS OF INHERITANCE
7.	CH-7 EVOLUTION
8.	CH-8 HUMAN HEALTH AND DISEASE
9.	CH-9 STRATEGIES FOR ENHANCEMENT IN FOOF PRODUCTION
10.	CH-10 MICROBES IN HUMAN WELFARE
11.	CH-11 BIOTECHNOLOGY: PRINCIPLES AND PROCESS
12.	CH-12 APPLICATION OF BIOTECHNOLOGY
13	CH-13 ORGANISM AND POPULATION
14	CH-14 ECOSYSTEM
15	CH-15 BIODIVERSITY AND CONSERVATION
16	CH-16 ENVIRONMENTAL ISSUES

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%

1.	CH-1 REPRODUCTION IN ORGANISM	
2.	CH-2 SEXUAL REPRODUCTION IN FLOWERING PLANTS	
3.	CH-3 HUMAN REPRODUCTION	
4.	CH-4 REPRODUCTIVE HEALTH	
5.	CH-5 PRINCIPLES OF INHERITANCE AND VARIATION	

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	
1.	CH-6 MOLECULAR BASIS OF INHERITANCE		
2.	CH-7 EVOLUTION		
3.	CH-8 HUMAN HEALTH AND DISEASE		
4.	CH-9 STRATEGIES FOR ENHANCEMENT IN FOOF PRODUCTION		
5	CH-10 MICROBES IN HUMAN WELFARE		
6	CH-11 BIOTECHNOLOGY: PRINCIPLES AND PROCESS		
	PT – 1 ALL CHAPTERS WILL BE INCLUDED		

3.		MONTH	RANGE%
	CHAPTER NAME	OCTOBER - NOVEMBER	100%
1	CH-12 APPLICATION OF BIOTECHNOLOGY		
2	CH-13 ORGANISM AND POPULATION		
3	CH-14 ECOSYSTEM		
4	CH-15 BIODIVERSITY AND CONSERVATION		
5	CH-16 ENVIRONMENTAL ISSUES		

PRE BOARD EXAMINATION

4.	PRE BOARD	MONTH	RANGE%
	CHAPTER NAME	DECEMBER	100%
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		

NAME OF THE BOOK	TEXT BOOK
AUTHOR'S NAME	NCERT
TOTAL CHAPTERS	13

CH-	SYLLABUS: TOTAL CHAPTERS
1.	CHAPTER ;- 1 RELATION AND FUNCTION
2.	CHAPTER;-2 INVERSE TRIGONOMETRY FUNCTION
3.	CHAPTER ;-3 MATRICES
4.	CHAPTER ;- 4 DETERMINANTS
5.	CHAPTER;-5 CONTINUITY AND DIFFERENTIABILITY
6.	CHAPTER;- 6 APPLICATION OF DERIVATIVE
7.	CHAPTER ;- 7 INTEGRATION
8.	CHAPTER;- 8 APPLICATION OF INTEGRALS
9.	CHAPTER;- 9 DIFFERENCIAL EQUATION
10.	CHAPTER;-10 VECTOR ALGEBRA
11.	CHAPTER;- 11 THREE DIMENSIONAL GEOMETRY
12.	CHAPTER;- 12 LINEAR PROGRAMMING
13.	CHAPTER;- 13 PROBABILITY

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%
2.	CHAPTER;-2 INVERSE TRIGONOMETRY FUNCTION		
3.	CHAPTER ;-3 MATRICES		
4.	CHAPTER ;- 4 DETERMINANTS		

5.	CHAPTER;-5 CONTINUITY AND DIFFERENTIABILITY

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	
1.	CHAPTER;- 6 APPLICATION OF DERIVATIVE		
2.	CHAPTER ;- 7 INTEGRATION		
3.	CHAPTER;- 8 APPLICATION OF INTEGRALS		
4.	CHAPTER;- 9 DIFFERENCIAL EQUATION		
5	CHAPTER;-10 VECTOR ALGEBRA		
	PT – 1 ALL CHAPTERS WILL BE INCLUDED		

3.		MONTH	RANGE%
	CHAPTER NAME	OCTOBER - NOVEMBER	100%
1	CHAPTER;- 11 THREE DIMENSIONAL GEOMETRY		
2	CHAPTER;- 12 LINEAR PROGRAMMING		
3	CHAPTER;- 13 PROBABILITY		
4	CHAPTER ;- 1 RELATION AND FUNCTION		

PRE BOARD EXAMINATION

4.	PRE BOARD	MONTH	RANGE%
	CHAPTER NAME	DECEMBER	100%
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		

SUNRISE INTERNATIONAL SCHOOL
SYLLABUS FOR THE SESSION OF (2019-20)
SUBJECT: ENGLISH
CLASS: XII

NAME OF THE BOOK	TEXT BOOK **Book-1 'Flamingo'**
	Book-2 'Vistas'
AUTHOR'S NAME	NCERT
TOTAL CHAPTERS	

CH-	SYLLABUS: TOTAL CHAPTERS
	Book 1
1	L-1 'The Last Lesson'
2	L-2 'The Lost Spring'
3	Poem-1 'My Mother at Sixty Six'
4	Poem- 2'An Elementary School Classroom in a Slum'
5	L-3 'Deep Water'
6	L-4, 'The Rattrap'
7	Poem-3 'Keeping Quiet'
8	Poem-4 'A Thing of Beauty'
9	L- 5 'Indigo'
10	Poem-5 'A Roadside Sand'
11	L-6 'Poets and Pancakes'
12	poem-6 'Aunt Jennifer's Tigers'
13	L-7 'The Interview'
14	L-8 'Going Places'
	Book 2
1	L-1 'The Third Level'
2	L-2 'The Tiger King'
3	L-3 'Journey to the End of the Earth'
4	L-4 'The Enemy'
5	L-5 'Should Wizard Hit Mommy'
6	L-6 'On the Face of It'
7	L-7 'Evans Tries an O-Level'
8	L-8 'Memories of Childhood'

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%

	Book-1		
1	L-1 'The Last Lesson'		
2.	L-2 'The Lost Spring'		
3	Poem-1 'My Mother at Sixty Six'		
4	Poem- 2'An Elementary School Classroom in a Slum'		
	Book-2		
5.	L-2 'The Tiger King'		
6.	L-4 'The Enemy'		
7.	L-5 'Should Wizard Hit Mommy'		
8.	L-6 'On the Face of It'		
	GRAMMER		
	Writing- Notice, poster, note making and summary, comprehension practice,		
	letter to the Editor, article writing		

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	
	Book-1		
1.	L-3 'Deep Water'		
2.	L-4, 'The Rattrap'		
3.	Poem-3 'Keeping Quiet'		
4.	L- 5 'Indigo'		
5	Poem-4 'A Thing of Beauty'		
	Book-2		
1	L-1 'The Third Level'		
2	L-3 'Journey to the End of the Earth'		
3	L-7 'Evans Tries an O-Level'		
	GRAMMER		
	Writing- speech, report, business letters		
	PT – 1 ALL CHAPTERS WILL BE INCLUDED		

3.		MONTH	RANGE%
		OCTOBER - NOVEMBER	100%
	Book-1		
1	6 'Poets and Pancakes'		
2	L-7 'The Interview'		
3	L-8 'Going Places'		

4	Poem-5 'A Roadside Sand'	
5	poem-6 'Aunt Jennifer's Tigers'	
	Book-2	
1	L-8 'Memories of Childhood'	
	GRAMMER	
	Writing- Invitations and its replies, advertisements	
	Writing- Job application, debate	

PRE BOARD EXAMINATION

4.	**PRE BOARD**	**MONTH**	**RANGE%**
	CHAPTER NAME	**DECEMBER**	**100%**
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		

SUNRISE INTERNATIONAL SCHOOL
SYLLABUS FOR THE SESSION OF (2019-20)
SUBJECT: PHYSICAL EDUCATION
CLASS: XII

NAME OF THE BOOK	TEXT BOOK
AUTHOR'S NAME	
TOTAL UNITS	10

CH-	SYLLABUS: TOTAL UNITS
1.	UNIT – 1 PLANING IN SPORTS
2.	UNIT –2 SPORTS AND NUTRITION
3.	UNIT – 3 YOGA AND LIFE STYLE
4.	UNIT – 4 PHYSICAL EDUCATION & SPORTS FOR CWSN
5.	UNIT – 5 CHILDREN AND WOMEN IN SPORTS
6.	UNIT – 6 TEST & MEASUREMENT IN SPORTS
7.	UNIT – 7 PHYSIOLOGY & INJURIES IN SPORTS
8.	UNIT – 8 BIO MECHANICS & SPORTS
9.	UNIT – 9 PSYCHOLOGY & SPORTS
10.	UNIT – 10 TRAINING IN SPORTS

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%
1.	UNIT – 1 PLANING IN SPORTS		
2.	UNIT –2 SPORTS AND NUTRITION		
3.	UNIT – 3 YOGA AND LIFE STYLE		
4.	UNIT – 4 PHYSICAL EDUCATION & SPORTS FOR CWSN		

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	
1.	UNIT – 5 CHILDREN AND WOMEN IN SPORTS		
2.	UNIT – 6 TEST & MEASUREMENT IN SPORTS		
3.	UNIT – 7 PHYSIOLOGY & INJURIES IN SPORTS		
	PT – 1 ALL CHAPTERS WILL BE INCLUDED		

3.		MONTH	RANGE%
	CHAPTER NAME	**OCTOBER - NOVEMBER**	**100%**
1	UNIT – 8 BIO MECHANICS & SPORTS		
2	UNIT – 9 PSYCHOLOGY & SPORTS		
3	UNIT – 10 TRAINING IN SPORTS		

PRE BOARD EXAMINATION

4.	PRE BOARD	MONTH	RANGE%
	CHAPTER NAME	**DECEMBER**	**100%**
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		

SUNRISE INTERNATIONAL SCHOOL
SYLLABUS FOR THE SESSION OF (2019-20)
SUBJECT: INFORMATIC PRACTICES
CLASS: XII

NAME OF THE BOOK	INFORMATIC PRACTICES
AUTHOR'S NAME	SUMITA ARORA
TOTAL CHAPTERS	11

CH-	SYLLABUS: TOTAL CHAPTERS
1.	CH-1 Working with Numpy
2.	CH-2 Python Pandas
3.	CH-3 Plotting with PYPLOT - I
4.	CH- 4 Plotting with PYPLOT-II
5.	CH-5 Introduction to Software Engineering
6.	CH-6 Agile Methods & Practical aspects of software engineering
7.	CH-7 My SQL – SQL Revision Tour
8.	CH-8 More on SQL
9.	Ch – 9 Creating a Django based basic web application
10.	CH-10 Interface Python with MYSQL
11.	Ch – 11Society, Law and Ethics

TOTAL ASSESSMENT			
1. PERIODIC TEST -1	2. HALF YEARLY	3. PRE BOARD EXAMINATION	4. ANNUAL ASSESSMENT

PERIODIC TEST - 1

1.	PERIODIC TEST-1	MONTH	RANGE%
	CHAPTER NAME	JULY	30%
1.	CH-1 Working with Numpy		
2.	CH-2 Python Pandas		
3.	CH-7 My SQL – SQL Revision Tour		

HALF YEARLY SYLLABUS

2.	PERIODIC TEST-2	MONTH	RANGE%
	CHAPTER NAME	SEPTEMBER	
1	CH-3 Plotting with PYPLOT – I		
2.	CH- 4 Plotting with PYPLOT-II		
3.	CH-5 Introduction to Software Engineering		
4.	CH-6 Agile Methods & Practical aspects of software engineering		
	PT – 1 ALL CHAPTERS WILL BE INCLUDED		

3.		MONTH	RANGE%
	CHAPTER NAME	OCTOBER - NOVEMBER	100%
1	CH-8 More on SQL		
2	Ch – 9 Creating a Django based basic web application		
3	CH-10 Interface Python with MYSQL		
4	Ch – 11Society, Law and Ethics		

PRE BOARD EXAMINATION

4.	PRE BOARD	MONTH	RANGE%
	CHAPTER NAME	DECEMBER	100%
1	FULL SYLLABUS COVERED AS PER CBSE GUIDELINES		