DBL: 2026-2027

SYLLABUS

CLASS:	11	SUBJECT:	CHEMISTRY
BOOK:	ISC CHEMISTRY FOR CLASS XI by Dr. HC Srivastava (Nageen Prakashan)		

FIRST TERM			
Month	Topic	Chapters	Periods
APRIL (10)	Some basic concepts of chemistry Structure of atom	1 2	6 4
MAY (8)	Structure of atom Classification of elements and periodicity in properties	2 3	5 3
JUNE (8)	Classification of elements and periodicity in properties Chemical bonding and molecular structure	3 4	4 4
JULY (16)	Chemical bonding and molecular structure (….contd) Redox reactions Organic chemistry: Some basic principles and techniques	4 7 8	5 4 7
AUG (15)	Organic chemistry: Some basic principles and techniques (…..contd) Revision	8 -	10 5
SEP (14)	First assessment exam begins	-	-
Project	Selected topics will be given to the students on which they shall make a project individually.	-	-
Revision Days	Question answers along with numericals will be discussed covering all the chapters.	-	5
No. of classes		-	57

UNIT TEST - 1st Term		
Month	Topic	Chapters
JULY	1. Classification of elements and periodicity in properties 2. Structure of atom	3 2

EXAMINATION - 1st Term [7th to 18th September, 2026]		
Month	Topic	Chapters
SEPT	All the chapters taught in the first term.	1, 2, 3, 4,7, 8

ACTIVITIES	
	Solution of question answers and numericals from a worksheet.

SECOND TERM			
Month	Topic	Chapters	Periods
OCT (10)	Equilibrium	6	10
NOV (12)	Hydrocarbons	9	12
DEC (10)	Hydrocarbons (Contd) Chemical Thermodynamics	9 5	5 5
JAN (16)	Chemical Thermodynamics (Contd) Revision	5 -	10 6

FEB (16)	Revision	-	16
Project	Numericals on the chapter Equilibrium with the help of a worksheet.	-	-
Revision Days			22
No. of classes			64

UNIT TEST –2nd Term		
Month	Topic	Chapters
JAN	1. Organic chemistry: Some basic principles and techniques (full chapter) 2. Equilibrium	8 6

EXAMINATION–2nd Term [22nd February to 5th March, 2027]		
Month	Topic	Chapters
FEB and MAR	• Structure of Atom • Chemical Bonding and molecular structure • Equilibrium • Chemical Thermodynamics • Redox reactions • Organic chemistry: Some basic principles and techniques • Hydrocarbons	2 4 6 5 7 8 9

ACTIVITIES
Solution of a worksheet on hydrocarbons, to give the students a better understanding of organic chemical reactions.