

KENDRIYA VIDYALAYA SANGTHAN, KOLKATA REGION

SPLIT UP SYLLABUS: SUBJECT –CHEMISTRY (CLASS-XI) -2019-20

Month	Total periods required	Topic/Chapter	Topic for Practical
June-July, 2019	12	1.Some Basic Concepts of Chemistry	Basic laboratory techniques Characterization & purification of chemical substances. Quantitative analysis
	14	2.Structure of Atom	
	08	3.Classification of Elements and Periodicity in Properties	
August ,2019	14	4.Chemical Bonding and Molecular Structure	Quantitative analysis (Contd.)
	12	5.States of Matter	
September,2019	16	6.Chemical Thermodynamics	Experiments related to Chemical equilibrium& pH change Qualitative analysis.
	14	7.Equilibrium	
October, 2019		Equilibrium (Contd.)	Qualitative Analysis.(Contd.)
	06	8.Redox Reactions	
November, 2019	08	9.Hydrogen	Quantitative Analysis (Contd.)
	10	10.s- Block Elements	
December,2019	14	11.Some p-Block Elements	Detection of N,S and halogens in an organic compound
	14	12.Organic Chemistry: Some Basic Principles and Techniques	
January,2020 (Syllabus to be completed by 31 st Jan,2020)	12	13.Hydrocarbons	Investigatory project
	06	14.Environmental chemistry	
February,2020		Revision for Session ending examination	Investigatory project
March, 2020		Session Ending Examination	As per CBSE Pattern

Evaluation Scheme for Practical Examination for Class -XI (2019-20)

Sl. No.	Experiment	Marks
1	Volumetric analysis	8
2	Salt Analysis	8
3	Content Based Experiment	6
4	Project Work	4
5	Class Record and Viva	4
Total		30

CHEMISTRY (Code No. 043) QUESTION PAPER DESIGN CLASS - XI (2019-20)

S. No.	Typology of Questions	Very Short Answer-Objective type (VSA) (1 Mark)	Short Answer-I (SA) (2Marks)	Long Answer-I (LA-I) (3 marks)	Long Answer- II (LA-II) (5 marks)	Total Marks	% Weight-age
1	Remembering : Exhibit memory of previously learned material by recalling facts, terms, basic concepts and answers.	2	1	1	-	7	10%
2	Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.	6	2	2	1	21	30%
3	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	6	2	2	1	21	30%
4	Analyzing : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations.	6	1	2	-	14	20%

<p>Evaluating:</p> <p>Present and defend opinions by making judgments about information, validity of ideas or quality of work based on a set of criteria.</p> <p>Creating:</p> <p>Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.</p>	-	1	-	1	7	10%
	TOTAL	20x1=20	7x2=14	7x3=21	3x5=15	70(37)

QUESTION WISE BREAK UP

Type of Question	Mark per Question	Total No. of Questions	Total Marks
VSA/ Objective	1	20	20
SA	2	7	14
LA-I	3	7	21
LA-II	5	3	15
Total		37	70

1. No chapter wise weightage. *Care to be taken to cover all the chapters.*
2. *Suitable internal variations may be made for generating various templates keeping the overall weightage to different form of questions and typology of questions same.*

Choice(s):

There will be no overall choice in the question paper.

However, 33 % internal choices will be given in all the sections.

Kendriya Vidyalaya Sangathan, Kolkata Region
Schedule of Periodic tests & Examinations for Class -XI (2019-20)

Name of test / examination	Tentative dates	Sl.No.	Syllabus	Total Marks
1st Periodic test	26th to 31st Aug, 2019	1.	Some basic concepts of chemistry	50
		2.	Structure of atom	
		3.	Classification of elements and periodicity in properties	
		4.	Chemical Bonding and Molecular Structure	
Half Yearly Examination	04th to 9th Nov, 2019	1	Some Basic Concepts of Chemistry	70
		2	Structure of Atom	
		3	Classification of Elements and Periodicity in Properties	
		4	Chemical Bonding and Molecular Structure	
		5	States of Matter: Gases and Liquids	
		6	Chemical Thermodynamics	
		7	Equilibrium	
		8	Redox Reactions	
2nd Periodic test	16th to 22nd Jan, 2020	1	Hydrogen	50
		2	s- Block Elements	
		3	Some p-Block Elements	
		4	Organic Chemistry: Some Basic Principles and Techniques	
Session Ending Examination	1st Week of March, 2020	All chapters - As per CBSE Pattern		70