

## Kendriya Vidyalaya Sangthan, Kolkata Region

### SPLIT UP SYLLABUS: SUBJECT –CHEMISTRY, Class -XII (2019-20)

Month	Total periods required	Topic/Chapter	Topic of Practical
April- May, 2019	10	1. Solutions	Electrochemistry Thermochemistry Chemical kinetics
	12	2. Electrochemistry	
	10	3. Chemical Kinetics	
June-July, 2019	08	4. Surface chemistry	Qualitative analysis Surface chemistry Chromatography
	08	5. General Principles and Process of Isolation of Elements	
	14	6. <i>p</i> -Block Elements	
August, 2019	12	7. <i>d</i> and <i>f</i> -Block Elements	Volumetric Analysis, Preparation of inorganic compound.
	12	8. Coordination Compounds	
	12	9. Haloalkanes and Haloarenes	
September, 2019		9. Haloalkanes and Haloarenes(Contd)	Detection of functional groups Preparation of organic compounds
	10	10. Alcohols, Phenols and Ethers	
	14	11. Aldehydes, Ketones and carboxylic acids	
October, 2019	12	12. Organic Compounds containing Nitrogen	Test for carbohydrates, fats and Proteins.
	12	13. Biomolecules	
November, 2019 (Syllabus to be completed by 10 <sup>th</sup> Nov,2019)	06	14. Polymers	Investigatory project
	06	15. Chemistry in Everyday Life	
		Revision	
December, 2019		Revision and 1 <sup>st</sup> Pre Board Examination	Revision
January, 2020		Revision & 2 <sup>nd</sup> Pre Board Examination	
February, 2020		AISSCE Practical Examination	
March, 2020		AISSCE Examination(Theory)	

### Evaluation Scheme for Practical Examination for Class- XII (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
<b>Total</b>		<b>30</b>

**CHEMISTRY (Code No. 043) QUESTION PAPER DESIGN CLASS - XII (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	% Weightage
1	<b>Remembering :</b> Exhibit memory of previously learned material by recalling facts, terms, basic concepts and answers.	2	1	1	-	7	10%
2	<b>Understanding:</b> Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.	6	2	2	1	21	30%
3	<b>Applying:</b> Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	6	2	2	1	21	30%
4	<b>Analyzing :</b> 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><b>Evaluating:</b></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><b>Creating:</b></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%
<b>TOTAL</b>	<b>20x1=20</b>	<b>7x2=14</b>	<b>7x3=21</b>	<b>3x5=15</b>	<b>70(37)</b>	<b>100%</b>

#### 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.

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**Schedule of Monthly tests & Pre-Board Examinations for Class- XII (2019-20)**

<b>Name of test / examination</b>	<b>Tentative dates</b>	<b>Sl No</b>	<b>Syllabus</b>	<b>Total Marks</b>
<b>Monthly Test-1</b>	<b>24<sup>th</sup> June to 28<sup>th</sup> June,2019</b>	1.	Solutions	70
		2.	Electrochemistry	
		3.	Chemical Kinetics	
<b>Monthly Test-2</b>	<b>26<sup>th</sup> to 31<sup>st</sup> July,2019</b>	CH.1 to 5	Up to General Principles and Process of Isolation of Elements	70
<b>Monthly Test-3</b>	<b>27<sup>th</sup> to 31<sup>st</sup> Aug,2019</b>	CH.1 to 8	Up to Co-Ordination Compounds	70
<b>Monthly Test-4</b>	<b>27<sup>th</sup> Sept to 3<sup>rd</sup> Oct,2019</b>	CH.1 to 10	Up to Alcohols, Phenols and Ethers	70
<b>1<sup>st</sup> Pre Board Examination /</b>	<b>2<sup>nd</sup> to 10<sup>th</sup> Dec,2019</b>	CH 1 to 15	Complete Syllabus	70
<b>2<sup>nd</sup> Pre Board Examination</b>	<b>16<sup>th</sup> to 23<sup>rd</sup> Jan,2020</b>			