

DELHI PUBLIC SCHOOL, JAMMU

SYLLABUS BIFURCATION

SESSION- (2023-24)

CLASS-XII

SUBJ: CHEMISTRY

Higher Secondary is the most crucial stage of school education. Therefore, there is a need to provide learners with sufficient conceptual background of chemistry. The new and updated curriculum is based on disciplinary approach with rigour and depth taking care that the syllabus is not heavy.

OBJECTIVE OF THE THEORY:

1. The students will be able to read, understand and critically interpret the Chemistry literature
2. The subject of Chemistry piques intellectual curiosity, increases awareness about chemistry.
3. The value of teaching Chemistry should focus on the importance of appreciating the natural world
And physical and chemical processes..

PRACTICAL AIM: Student should be able to test theories developed about physical and chemical components by utilizing the scientific method and then to apply the new information in a beneficial way.

S.NO.	MONTH	NAME OF THE LESSON/TOPICS
1.	APRIL	Unit-2: Solution Unit-10 Haloalkanes and Haloarenes ❖ Foundation worksheet : For Revision on- What is the difference between solute and solvent?
2.	MAY	Unit-10 Haloalkanes and Haloarenes continued Unit-11: Alcohols, Phenols and Ethers ❖ Revision and Sample paper
3.	JUNE	Unit-14: Biomolecules ❖ Discussion and allotment of Investigatory Project allotted by CBSE
4.	JULY	Unit-12: Aldehydes, Ketones and. Carboxylic Acids ❖ Activity-I: To detect the carbohydrates, fats and proteins from the given sample. ❖ Assignment-I
5.	AUGUST	Unit-13: Organic compounds containing Nitrogen Unit-8: d and f-block elements ❖ Activity-II: To detect the Functional groups from the given sample. ❖ Assignment- II

5.	SEPTEMBER	Unit-4: Chemical Kinetics ❖ Revision and Sample paper
Practicals of Term-I completed along with syllabus		
6.	OCTOBER	Unit- 3: Electrochemistry ❖ Activity-III: Study the role of emulsifying agents in stabilising the emulsions of different oils. ❖ Class test -I based on MCQ'S/ kahoot quiz
7.	NOVEMBER	Unit- 9: Coordination Compounds ❖ Activity-IV: PPT on the topic- d and f block elements
Practicals completed along with syllabus		
8.	DECEMBER	Sample paper ❖ Class test -II based on case based study Assertion- reasoning
9.	JANUARY	CBSE Sample paper ❖ Class test -II based on CBSE syllabus
10.	FEBRUARY	Project checking and Practical revision
11.	MARCH	Revision of syllabus

EXAM SCHEDULE

SYLLABUS OF FORMATIVE ASSESSMENT-I

Unit- 2 Solution

Unit-10 Halo alkanes and Haloarenes

SYLLABUS OF HALF YEARLY EXAMINATION

Unit- 2. Solution

Unit-11 Alchols,Phenols and Ethers

Unit-10 Halo alkanes and Haloarenes

Unit-12 Aldehydes, ketones and carboxylic acids

Unit 14 Biomolecules

SYLLABUS OF PRE BOARD –I

Unit- 2 Solution

Unit- 8. d-and f block elements

Unit-10 Halo alkanes and Haloarenes

Unit-11 Alchols,Phenols and Ethers

Unit-4. Chemical Kinetics

Unit-13 Organic compounds containing Nitrogen

Unit-12 Aldehydes, ketones and carboxylic acids
Unit 14 Biomolecules

SYLLABUS OF PRE BOARD –II

Unit- 2 Solution

Unit- 8. d-and f block elements

Unit-10 Halo alkanes and Haloarenes

Unit-11 Alcohols, Phenols and Ethers

Unit-4. Chemical Kinetics

Unit-13 Organic compounds containing Nitrogen

Unit-12 Aldehydes, ketones and carboxylic acids

Unit 14 Biomolecules

Unit- 3: Electrochemistry

Unit- 9: Coordination Compounds

Subject Coordinator