**INDIAN SCHOOL ALW ADI AL KABIR**

 **DEPARTMENT OF SCIENCE 2018-19**

**WEEKLY PLAN MONTH - August CLASS : X-CHEMISTRY**

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** | **1-2****(1)** | **5-9****(3)** | **12-16****(3)** | **19-23****(3)**  | **26-30****(3)** |
|  | ACIDS BASES AND SALTS(contd)Water of crystallization. | WORKSHEETTEXT EXERCISESCHAPTER 3 : **METALS AND NON METALS*** Physical properties of metals and non metals
 | * Chemical properties of metals
* Reactivity series
 | * Ionic compounds
* Properties of ionic compounds
 | * Extraction of metals
 |
|  |  | **PRACTICALS**pH | **PRACTICAL:**Reactivity of metals |  |  |

WEEKLY PLAN MONTH - September CLASS : X-CHEMISTRY

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** | **2-6****(3)** | **9-13****(2)** | **16-20** |  **23-27** | **30** |
|  | * Refining of metals
* Corrosion, Prevention of corrosion
 |  REVISION | **MID TERM EXAM** | **MID TERM EXAM** | MID TERM EXAM |

WEEKLY PLAN MONTH - October CLASS : X-CHEMISTRY

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** | **1-4****(2)** | **7-11****(3)** | **14-18****(3)** |  **21-25** **(3)** | **28-31****(2)** |
|  | **CARBON AND COMPOUNDS*** COVALENT BONDING
* Versatile nature of carbon
* Saturated and unsaturated compounds
* Functional groups
 | Homologous series* Nomenclature of carbon compounds
 | * Chemical Properties of carbon compounds
* Combustion
 | * Oxidation
* Addition reaction

Substitution reaction* Reactions of Ethanol
 | * Reactions

 of EthanolProperties of  Ethanoic acid |

WEEKLY PLAN MONTH - November CLASS : X- CHEMISTRY

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIOD/SPLIT UP** |  **1** **(1)** |  **4-8** **(2)** |  **11-15** **(3)** |  **18-22** **(2)** |  **25-29** **(3)** |
|  | Reactions of Ethanoic acid | * Soaps and detergents
 | **PERIODIC CLASSIFICATION OF ELEMENTS*** Introduction

Dobereiner’s triads | * Newland’s law of Octaves

Mendeleev’s periodic table | Modern periodic table |
|  |  | * **PRACTICAL** : Properties of Ethanoic aid
* **PRACTICAL** : cleaning capacity of Soap
 |  |  |  |

WEEKLY PLAN MONTH - December CLASS : X-CHEMISTRY

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| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIOD/SPLIT UP** |  **2-6** **(3)** |  **9-13** **(1)** |  **16-20** | **23-27** | **30-31** |
|  | * Trends in the modern periodic table
 | **POST MID-TERM EXAM** | **POST MID-TERM EXAM** | Holidays | Holidays |

WEEKLY PLAN MONTH - January CLASS : X-CHEMISTRY

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| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIOD/SPLIT UP** |  **1-3** |  **6-8(holidays) 9-10** **(1)**  |  **13-17** **(3)** |  **20-24** **(3)** | **27-31** **(3)** |
|  | **Holidays** | Periodic classification of elements-Worksheet and textual questions. | Management in natural resources | Management in natural resources**SYLLABUS COMPLETION** | REVISION |
|  |  |  |  |  |  |

WEEKLY PLAN MONTH - February CLASS : X-CHEMISTRY

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIOD/SPLIT UP** |  **3-7** **(3)** |  **10-14** **(3)** |  **17-21** **(3)** |  **24-28** **(3)** |  |
|  | MOCK EXAMINATION | MOCK EXAMINATION | MOCK EXAM | REVISION |  |