**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. | WORKSHEET  TEXT EXERCISES  CHAPTER 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 Ethanol  Properties 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 |
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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 |  |