**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**ACADEMIC YEAR: 2018-2019: CLASS : XII**

**SUBJECT: INFORMATICS PRACTICES**

**SYLLABUS PLAN – (AUG 2018 – NOV 2018)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | **No. of working days/periods** | **Week** | | **No. of periods** | **Topic** | **Q.B./work sheet** | **Activities** |
| From | To |  |  |  |  |
| **August 2018** | 2 Days | 1st Aug 2018 | 2nd Aug 2018 | 3 | Revision on HTML & XML |  | Holiday HW submission |
| 5 Days | 5th Aug 2018 | 9th Aug 2018 | 8 | RDBMS – MySQL – Review of Class XI topics – Select Clauses – (BETWEEN – IN – LIKE– NOT LIKE - DISTINCT) – ORDER BY clause | Worksheet – Revision Tour |  |
| 4 Days | 12th Aug 2018 | 16th Aug 2018 | 7 | My SQL - Group By Clause – Group By with having - Creating table with primary key & not null constraints – Check – Default – Unique Constraints | Worksheet – Single Table – Select Clauses |  |
| 3 Days | 19th Aug 2018 | 23rd Aug 2018 | 5 | Alter Command – Adding, Deleting and modifying data type & column |  |  |
| 5 Days | 26th Aug 2018 | 30th Aug 2018 | 8 | More on DDL commands |  |  |
| **September 2018** | 5 Days | 2nd Sep 2018 | 6th Sep 2018 | 8 | My SQL – Modifying data values using UPDATE command - Single Row Functions – String – Numeric – Date Functions | Worksheet – Alter / Update / Drop and Delete |  |
| 2 Days | 9th Sep 2018 | 10th Sep 2018 | 3 | Group Functions – SUM() – AVG() – MAX() – MIN() –COUNT - Null Values | Worksheet – Single Row – Multiple Row Functions |  |
| **October 2018** | 4 Days | 1st Oct 2018 | 4th Oct 2018 | 7 | Equi Join – Non Equi Join – Cartesian Product – Natural Join - Displaying data from multiple tables - Concept of Foreign Key, DESC Command | Worksheet – Multiple Tables - Queries |  |
| 5 Days | 7th Oct 2018 | 11th Oct 2018 | 8 | Database Transactions – Auto Commit On / Off -Commit & Rollback commands |  |  |
| 4 Days | 14th Oct 2018 | 17th Oct 2018 | 7 | Data Base Transactions – SAVEPOINT – ROLLBACK TO SAVEPOINT – ROLLBACK commands | Worksheet – Database Transactions | Project submission |
| 5 Days | 21st Oct 2018 | 25th Oct 2018 | 8 | IT Applications |  |  |
| 4 Days | 28th Oct 2018 | 31st Oct 2018 | 7 | Revision on Communication Networks and Open Source Technology |  | Solving CBSE Board Papers & Sample Papers |
| **November 2018** | 1 Day | 1st Nov 2018 | 1st Nov 2018 | 2 | Revision on Java Net Beans I and II |  |
| 3 Days | 4th Nov 2018 | 6th Nov 2018 | 5 | Revision on Java Libraries - OOPS |  |
| 3 Days | 11th Nov 2018 | 15th Nov 2018 | 5 | Revision on HTML & XML |  |
| 4 Days | 18th Nov 2018 | 22nd Nov 2018 | 7 | Revision on My SQL |  |
| **Total** | 59 Days |  |  | 98 |  |  |  |