**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**ACADEMIC YEAR: 2015-2016: CLASS : XII**

**SUBJECT: INFORMATICS PRACTICES**

**ANNUAL SYLLABUS PLAN**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Month** | **No. of working days/periods** | **Week** | **No. of periods** | **Topic** | **Q.B./work sheet** | **Activities** |
| From | To |
| **April 2015** | 4 Days  | 6th April 2015 | 9th April 2015 | 7 | Networking  |  | Academic Year Begins |
| 5 Days | 12th April 2015 | 16th April 2015 | 9 | Open Source Concepts |  |  |
| 5 Days | 19th April 2015 | 23rd April 2015 | 9 | Review of Java ControlsText Field, Button, Label, Text Area | Worksheet |  |
| 5 Days | 26th April 2015 | 30th April 2015 | 9 | Review of Java Controls – Check Box & Radio Button. | Worksheet |  |
| **May 2015** | 5 Days | 3rd May 2015 | 7th May 2015 | 9 | Unit Test I |  |  |
| 5 Days | 10th May 2015 | 14th May 2015 | 9 | Review of Java Controls – Combo Box & List Box. |  |  |
| 5 Days | 17th May 2015 | 21st May 2015 | 9 | OOP Concepts : Classes & Objects  | Worksheet |  |
| 6 Days | 24th May 2015 | 31st May 2015 | 11 | Inheritance & Libraries – JDBC/ODBC Connectivity – Review on MySQL | Worksheet |  |
| **June 2015** | 4 Days | 1st June 2015 | 4th June 2015 | 7 | Revision |  |  |
| 5 Days | 7th June 2015 | 11th June 2015 | 9 | Revision |  | IT Project Work |
| **August 2015** | 2 Days | 5th Aug 15 | 6th Aug 15 | 3 | IT Project Review |  |  |
| 5 Days | 9th Aug 15 | 13th Aug 15 | 9 | Web Application Development – URL, Web Server, Client/Server Concepts |  |  |
| 5 Days | 16th Aug 15 | 20th Aug 15 | 9 | HTML based web pages tags, Creating & Accessing Static Pages - XML |  | HTML Tags |
| 5 Days | 23rd Aug 15 | 27th Aug 15 | 9 | RDBMS – MySQL – Review of Class XI topics – Database Transactions, Commit & Rollback commands |  |  |
| 4 Days | 30th Aug 15 | 2nd Sep 15 | 7 | Group By Clause, Group Functions – Distinct Clause, Null Values |  | RDBMS – MySQL Commands |
| **September 2015** | 5 Days | 6th Sep 15 | 10th Sep 15 | 9 | Displaying data from multiple tables |  |  |
| 4 Days | 20th Sep 15 | 23rd Sep 15 | 7 | Displaying data from multiple tables - Cartesian Product |  | MY SQL – Joining Tables |
| 5 Days | 27th Sep 15 | 1st Oct 15 | 9 | Creating table with Primary Key & Not Null constraints |  |  |
| **October 2015** | 5 Days | 4th Oct 15 | 8th Oct 15 | 9 | Concept of Foreign Key, Desc Command |  |  |
| 5 Days | 11th Oct 15 | 15th Oct 15 | 9 | Alter Command – Deleting and modifying data type & column |  |  |
| 5 Days | 18th Oct 15 | 22nd Oct 15 | 9 | Alter Command – add / enable / drop constraints – Dropping a Table |  | My SQL – Revision Worksheet |
| 5 Days | 25th Oct 15 | 29th Oct 15 | 9 | IT Applications |  | IT Applications |
| **November 2015** | 5 Days | 1st Nov 15 | 5th Nov 15 | 9 | Revision on My SQL |  |  |
| 3 Days | 8th Nov 15 | 10th Nov 15 | 5 | Revision on Communication Networks and Open Source Technology |  |  |
| 5 Days | 15th Nov 15 | 19th Nov 15 | 9 | Revision on Java Net Beans I and II |  |  |
| **Total** | 117 Days |  |  | 209 |  |  |  |