**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

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

**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** | 5 Days | 12th April 2015 | 16th April 2015 | 9 | Hardware Concepts - Computer Security, Types of Software |  | Academic Year Begins |
| 5 Days | 19th April 2015 | 23rd April 2015 | 9 | IDE – Basic Controls (Label/Text Field/Button) | Worksheet |  |
| 5 Days | 26th April 2015 | 30th April 2015 | 9 | Other IDE Controls(Text Area/Option Button, etc., | Worksheet |  |
| **May 2015** | 5 Days | 3rd May 2015 | 7th May 2015 | 9 | Unit Test - I |  |  |
| 5 Days | 10th May 2015 | 14th May 2015 | 9 | Data Types, Variables – Parse Methods in IDE | Worksheet |  |
| 5 Days | 17th May 2015 | 21st May 2015 | 9 | Control Structures - Basics |  |  |
| 6 Days | 24th May 2015 | 31st May 2015 | 11 | Decision Structure | Worksheet |  |
| **June 2015** | 4 Days | 1st June 2015 | 4th June 2015 | 7 | Revision |  |  |
| 5 Days | 7th June 2015 | 11th June 2015 | 9 | Revision |  |  |
| **August 2015** | 2 Days | 5th Aug 15 | 6th Aug 15 | 3 | Revision – Java Net Beans I and II |  |  |
| 5 Days | 9th Aug 15 | 13th Aug 15 | 9 | Flow of Control – for, while and do..while loop |  |  |
| 5 Days | 16th Aug 15 | 20th Aug 15 | 9 | Flow of Control – Conversion of loops |  | Flow of Control |
| 5 Days | 23rd Aug 15 | 27th Aug 15 | 9 | Java GUI programming using swing - III |  |  |
| **September 2015** | 4 Days | 30th Aug 15 | 2nd Sep 15 | 7 | Java GUI programming using swing - III |  | Java Net Beans III |
| 5 Days | 6th Sep 15 | 10th Sep 15 | 9 | Methods & functions |  |  |
| 4 Days | 20th Sep 15 | 23rd Sep 15 | 7 | Introduction to Classes in Java |  |  |
| 5 Days | 27th Sep 15 | 1st Oct 15 | 9 | Programming guidelines |  |  |
| **October 2015** | 5 Days | 4th Oct 15 | 8th Oct 15 | 9 | DBMS Concepts |  |  |
| 5 Days | 11th Oct 15 | 15th Oct 15 | 9 | DBMS Concepts |  |  |
| 5 Days | 18th Oct 15 | 22nd Oct 15 | 9 | Introduction to MySQL – DDL & DML |  | DBMS – My SQL DDL |
| 5 Days | 25th Oct 15 | 29th Oct 15 | 9 | MYSQL – Create, Alter, Drop, Desc |  |  |
| **November 2015** | 5 Days | 1st Nov 15 | 5th Nov 15 | 9 | MYSQL – Creating Table with Constraints, Primary, Unique, Not Null, Check, Default |  |  |
| 3 Days | 8th Nov 15 | 10th Nov 15 | 5 | My SQL DML – Insert, Delete |  | My SQL DML |
| 5 Days | 15th Nov 15 | 19th Nov 15 | 9 | My SQL DML – Update |  |  |
| 5 Days | 22nd Nov 15 | 26th Nov 15 | 9 | My SQL – Select using FROM, WHERE, Order By clause |  |  |
| 2 Days | 29th Nov 15 | 30th Nov 15 | 3 | My SQL – Select using Group By Clause |  |  |
| **December 2015** | 4 Days | 6th Dec 15 | 9th Dec 15 | 7 | My SQL Queries – Select using % and \_ characters |  | MY SQL – Group By, Order By |
| 4 Days | 13th Dec 15 | 16th Dec 15 | 7 | MYSQL Queries - Revision |  |  |
| **January 2016** | 3 Days | 5th Jan 16 | 7th Jan 16 | 5 | MYSQL functions – String Functions |  |  |
| 5 Days | 10th Jan 16 | 14th Jan 16 | 9 | MYSQL functions - Mathematical and Date Functions |  | My SQL - Functions |
| 5 Days | 17th Jan 16 | 21st Jan 16 | 9 | IT Applications – Ecommerce, ELearning |  |  |
| 5 Days | 24th Jan 16 | 28th Jan 16 | 9 | IT Applications – Business, Governance |  | IT Applications |
| **February 2016** | 4 Days | 1st Feb 16 | 4th Feb 16 | 7 | Revision on My SQL |  |  |
| 5 Days | 7th Feb 16 | 11th Feb 16 | 9 | Revision on Java Net Beans  |  |  |
| **Total** | 159 |  |  | 283 |  |  |  |