**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

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

**SUBJECT: INFORMATICS PRACTICES**

**SYLLABUS PLAN – (AUG 2018 – FEB 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 | Flow of Control – while and do..while loop |  | Holiday HW submission |
| 5 Days | 5th Aug 2018 | 9th Aug 2018 | 8 | Flow of Control – for loop - Conversion between loops – Finding Output – Error handling – Counting No. times loop executes | Worksheet - Flow of Control |  |
| 4 Days | 12th Aug 2018 | 16th Aug 2018 | 7 | Java GUI programming using swing - II |  |  |
| 3 Days | 19th Aug 2018 | 23rd Aug 2018 | 5 | Java GUI programming using swing - II | Worksheet – Radio Button & Check Box |  |
| 5 Days | 26th Aug 2018 | 30th Aug 2018 | 8 | Java GUI programming using swing - III |  |  |
| **September 2018** | 5 Days | 2nd Sep 2018 | 6th Sep 2018 | 8 | Java GUI programming using swing - III | Revision Worksheet | Solving CBSE Board Type Questions |
| 2 Days | 9th Sep 2018 | 10th Sep 2018 | 3 | Revision for Assessment - I |  |  |
| **October 2018** | 4 Days | 1st Oct 2018 | 4th Oct 2018 | 7 | DBMS Concepts |  |  |
| 5 Days | 7th Oct 2018 | 11th Oct 2018 | 8 | Introduction to MySQL – CREATE DATABASE – USE – CREATE TABLE – DESC Commands |  |  |
| 4 Days | 14th Oct 2018 | 17th Oct 2018 | 7 | My SQL - DDL commands – Create – Alter – Drop - Desc |  |  |
| 5 Days | 21st Oct 2018 | 25th Oct 2018 | 8 | MYSQL – Creating Table with Constraints, Primary, Unique, Not Null, Check, Default | Worksheet - DDL |  |
| 4 Days | 28th Oct 2018 | 31st Oct 2018 | 7 | My SQL DML commands – Inserting Records using INSERT command – Updating records using UPDATE command |  |  |
| **November 2018** | 1 Day | 1st Nov 2018 | 1st Nov 2018 | 2 | My SQL DML command – Deleting Records using DELETE command |  |  |
| 3 Days | 4th Nov 2018 | 6th Nov 2018 | 5 | My SQL DML – SELECT command – Simple Query – Query using AND – OR – NOT Operators – Range Queries – String Comparison. | Worksheet - DML |  |
| 3 Days | 11th Nov 2018 | 15th Nov 2018 | 5 | My SQL – SELECT command – BETWEEN – IN clause -  |  |  |
| 4 Days | 18th Nov 2018 | 22nd Nov 2018 | 7 | My SQL – Select using LIKE – NOT LIKE Clause |  |  |
| 5 Days | 25th Nov 2018 | 29th Nov 2018 | 8 | My SQL – Select using ORDER BY - Group By Clauses | Worksheet – Select Clause |  |
| **December 2018** | 4 Days | 2nd Dec 2018 | 5th Dec 2018 | 7 | Revision on Java Net beans for Assessment - 2 | Revision Worksheet | Solving CBSE Board Type Questions |
| 2 Days | 9th Dec 2018 | 10th Dec 2018 | 3 | Revision on My SQL for Assessment 2 |  |  |
| **January 2019** | 2 Days | 9th Jan 2019 | 10th Jan 2019 | 3 | MYSQL Single Row Functions – String handling Functions |  |  |
| 5 Days | 13th Jan 2019 | 17th Jan 2019 | 8 | MYSQL Single Row Functions - Mathematical and Date Functions |  |  |
| 5 Days | 20th Jan 2019 | 24th Jan 2019 | 8 | My SQL – Aggregate Functions | Worksheet – My SQL Single Row and Multiple Row Functions |  |
| 5 Days | 27th Jan 2019 | 31st Jan 2019 | 8 | IT Applications – Ecommerce, ELearning – E Business – E Governance |  |  |
| **February 2019** | 5 Days | 3rd Feb 2019 | 7th Feb 2019 | 8 | Revision on Java Net Beans for Assessment - 3 | Revision Worksheet | Solving CBSE Board Type Questions |
| 5 Days | 10th Feb 2019 | 14th Feb 2019 | 8 | Revision on My SQL for Assessment - 3 |  | Solving CBSE Board Type Questions |
| **Total** | 97 Days |  |  | 159 |  |  |  |