**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**ACADEMIC YEAR: 2017-2018: CLASS : XI**

**SUBJECT: INFORMATICS PRACTICES**

**SYLLABUS PLAN – (JULY 2017 – FEB 2018)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | **No. of working days/periods** | **Week** | | **No. of periods** | **Topic** | **Q.B./work sheet** | **Activities** |
| From | To |  |  |  |  |
| **July 2017** | 4 Days | 24.07.2017 | 27.07.2017 | 6 | Control Structures – Basics – if..else – switch..case |  | Holiday Home Work Review |
| 2 Days | 30.07.2017 | 31.07.2017 | 3 | Decision Structure |  |  |
| **August 2017** | 3 Days | 01.08.2017 | 3.08.2017 | 5 | Flow of Control – for, while and do..while loop | Flow of Control – Worksheet 1 |  |
| 5 Days | 06.08.2017 | 10.08.2017 | 8 | Flow of Control – Conversion of loops | Flow of Control – Worksheet 2 |  |
| 3 Days | 13.08.2017 | 17.08.2017 | 5 | Java GUI programming using swing - II |  |  |
| 5 Days | 20.08.2017 | 24.08.2017 | 8 | Java GUI programming using swing - II | Worksheet – Radio Button & Check Box |  |
| 5 Days | 27.08.2017 | 31.08.2017 | 8 | Java GUI programming using swing - III |  |  |
| **September 2017** | 3 Days | 03.09.2017 | 07.09.2017 | 5 | Java GUI programming using swing - III | Worksheet – Combo Box & List Box | Solving CBSE Board Type Questions |
| 4 Days | 10.09.2017 | 28.09.2017 | 6 | Assessment - I |  |  |
| **October 2017** | 3 Days | 01.10.2017 | 05.10.2017 | 5 | DBMS Concepts |  |  |
| 5 Days | 08.10.2017 | 12.10.2017 | 8 | DBMS Concepts |  |  |
| 4 Days | 15.10.2017 | 19.10.2017 | 6 | Introduction to MySQL – DDL & DML |  |  |
| 5 Days | 22.10.2017 | 26.10.2017 | 8 | MYSQL – Create, Alter, Drop, Desc | Worksheet - DDL |  |
| 3 Days | 29.10.2017 | 31.10.2017 | 5 | MYSQL – Creating Table with Constraints, Primary, Unique, Not Null, Check, Default |  |  |
| **November 2017** | 2 Days | 01.11.2017 | 02.11.2017 | 3 | My SQL DML – Insert |  |  |
| 5 Days | 05.11.2017 | 09.11.2017 | 8 | My SQL DML – Delete & Update | Worksheet - DML |  |
| 5 Days | 12.11.2017 | 16.11.2017 | 8 | My SQL – Select using FROM, WHERE, Order By clause |  |  |
| 4 Days | 19.11.2017 | 23.11.2017 | 6 | My SQL – Select using Group By Clause |  |  |
| 5 Days | 26.11.2017 | 30.11.2017 | 8 | My SQL Queries – Select using % and \_ characters – Like – Pattern Matching | Revision Worksheet |  |
| **December 2017** | 4 Days | 03.12.2017 | 07.12.2017 | 6 | MYSQL Queries - Revision |  | Solving CBSE Board Type Questions |
|  | 10.12.2017 | 21.12.2017 |  | Assessment - II |  |  |
| **January 2018** | 5 Days | 14.01.2018 | 18.01.2018 | 8 | MYSQL functions – String Functions |  |  |
|  | 5 Days | 21.01.2018 | 25.01.2018 | 8 | MYSQL functions - Mathematical and Date Functions | Worksheet – My SQL Functions |  |
|  | 4 Days | 28.01.2018 | 31.01.2018 | 6 | IT Applications – Ecommerce, ELearning – E Business – E Governance |  |  |
| **February 2018** | 5 Days | 04.02.2018 | 08.02.2018 | 8 | Revision – Java Net Beans |  | Solving CBSE Board Type Questions |
|  | 5 Days | 11.02.2018 | 15.02.2018 | 8 | Revision – My SQL |  | Solving CBSE Board Type Questions |
| **Total** | Days |  |  | 163 |  |  |  |