**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**ACADEMIC YEAR: 2016-2017: CLASS :XII**

**SUBJECT: COMPUTER SCIENCE**

**SYLLABUS PLAN – August 2016 To November 2016**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | **No. of working days/periods** | **Week** | | **No. of periods** | **Topic** | **Q.B./work sheet** | **Activities** |
| From | To |
| **August 2016** | 4 Days | 1st Aug 2016 | 4th Aug 2016 | 7 | Revision on Data File Handling & Arrays |  |  |
| 5 Days | 7th Aug 2016 | 11th Aug 2016 | 9 | **Unit Test - II** - Revision for Unit Test - II |  |  |
| 4 Days | 14th Aug 2016 | 19th Aug 2016 | 7 | **Unit Test - II** - Revision for Unit Test - II |  |  |
| 4 Days | 21st Aug 2016 | 25th Aug 2016 | 7 | Data Structures – Introduction – Stack & Queue |  |  |
|  | 4 Days | 28th Aug 2016 | 31st Aug 2016 | 7 | C++ Programs using Static/Dynamic Stack& Queue | Worksheet |  |
| **September 2016** | 6 Days | 1stSep 2016 | 8th Sep 2016 | 11 | DBMS – SQL – DDL and DML commands – CREATE, ALTER, DELETE, INSERT, DESC, UPDATE, SELECT, WHERE, GROUP BY, NULL, AGGREATE FUNCTIONS |  |  |
| 3 Days | 11th Sep 2016 | 15th Sep 2016 | 5 | SQL – Joining Tables | Worksheet |  |
| 5 Days | 18th Sep 2016 | 22nd Sep 2016 |  | **Assessment - I** |  |  |
| 5 Days | 25th Sep 2016 | 29thSep2016 |  | **Assessment - I** |  |  |
| **October 2016** | 3 Days | 3rd Oct 2016 | 6th Oct 2016 | 5 | Boolean Algebra – Boolean Laws |  |  |
| 4 Days | 9th Oct 2016 | 13th Oct 2016 | 7 | Boolean Algebra - Truth table – Gates – Simplification, SOP & POS | Worksheet |  |
| 5 Days | 16th Oct 2016 | 20th Oct 2016 | 9 | Karnaugh Map, Logic Circuits | Worksheet |  |
| 5 Days | 23rd Oct 2016 | 27th Oct 2016 | 9 | Networking Concepts & Communications – LAN, WAN, MAN – Communication Media |  |  |
| **November 2016** | 3 Days | 1st Nov 2016 | 3rd Nov 2016 | 5 | Network Topologies – Case Studies – Networking Devices – Hub, Switch, Router, Repeater, etc., |  |  |
| 5 Days | 6th Nov 2016 | 10th Nov 2016 | 9 | Networking Protocols – SMTP, FTP, SNMP, POP, etc., IT technologies – cloud computing | Worksheet |  |
| 5 Days | 13th Nov 2016 | 17th Nov 2016 | 9 | Revision |  |  |
|  | 5 Days | 20thNov 2016 | 24thNov 2016 | 9 | Revision |  |  |
|  | 4 Days | 27thNov 2016 | 30thNov 2016 | 7 | Revision |  |  |
| **December 2016** |  | 4th Dec 2016 | 8th Dec 2016 |  | **I Rehearsal Exam** |  |  |
|  | 11th Dec 2016 | 15th Dec 2016 |  | **I Rehearsal Exam** |  |  |
|  |  | 18th Dec 2016 | 21st Dec 2016 |  | **I Rehearsal Exam** |  |  |
| **Total** | 135 Days |  |  | 203 |  |  |  |