St. Xavier's School

Syllabus Planner

Class	XII			
Subject	COMPUTER			
Ch. No.	Name of Chapter	Topic	Month	Week
1	BOOLEAN ALGEBRA	(a) Propositional logic, well formed formulae, truth values and interp	MARCH to May	5
2	COMPUTER HARDWARE	(a) Elementary logic gates (NOT, AND, OR, NAND, NOR, XOR, XNOR) and their use in circuits. (b) Applications of Boolean algebra and logic gates to half adders, full adders, encoders, decoders, multiplexers, NAND, NOR as universal gates.	June	4
	ADVANCED JAVA PROGRAMS	Programs based on recursion ,interface ,double dimension array	July to August	4
5	REVISION	revision	Sept	2
6	INHERITANCE , INTERFAC	a) Inheritance; super and derived classes; member access in b) Subclass polymorphism and dynamic binding. Emphasize inheritance as a mechanism to reuse a class by (c) Interfaces in Java;only theory	Oct	3
	DATA STRUCTURE	(a) Basic data structures (stack, queue, circular queue, dequeue); ir	Nov	4

1.UNIT TEST I------TILL APRIL PORTION
2. UNIT TEST II----TILL AUGUST
3. FIRST SEMESTER --TILL SEPTEMBER
4. UNIT TEST III-- TILL OCTOBER
5. UNIT TEST IV---NOVEMBER
6.SECOND SEMESTER --WHOLE SYLLABUS INCLUDING FIRST SEMESER