Lesson Plan

Subject- Object Oriented Programming with C++

Lesson Plan- 17 Weeks (July - Oct 2018)

Week	Date	BVoc(SD) (IIIrd Sem) BVSD-34
1	13- July-2018	Introduction to Programming C++
	14- July-2018	Discussion over Object-oriented Features of C++
	15- July-2018	Sunday
2	16- July-2018	-
	17- July-2018	-
	18- July-2018	-
	19- July-2018	Class and Objects concepts with examples
	20- July-2018	Concept of Data Hiding & Encapsulation
	21- July-2018	Familiarization with Data Members and Member Functions
	22- July-2018	Sunday
3	23- July-2018	-
	24- July-2018	-
	25- July-2018	-
	26- July-2018	Inline Functions discussion
	27- July-2018	Static Data Members and Member Functions
	28- July-2018	Discussion over Concept of Friend Functions
	29- July-2018	Sunday
4	30- July-2018	-
	31- July-2018	Holiday
	1- Aug- 2018	-
	2- Aug- 2018	Preprocessor Directives
	3- Aug- 2018	Namespace concept in C++
	4- Aug- 2018	Revision of Unit-1
	5- Aug- 2018	Sunday
5	6- Aug- 2018	-
	7- Aug- 2018	-
	8- Aug- 2018	-
	9- Aug- 2018	Introduction to Constructors & Destructors
	10- Aug- 2018	Roles and Types of Constructors
	11- Aug- 2018	Roles of Destructors
	12- Aug- 2018	Sunday
6	13- Aug- 2018	-
	14- Aug- 2018	-
	15- Aug- 2018	-
	16- Aug- 2018	Introduction to Dynamic Memory Allocation
	17- Aug- 2018	Pointers and their Manipulation
	18- Aug- 2018	new and delete Operators
	19- Aug- 2018	Sunday
	20- Aug- 2018	-
7	21- Aug- 2018	-

		22- Aug- 2018	-
		23- Aug- 2018	**Assignment 1**
		24- Aug- 2018	Concept of 'this' Pointer
		25- Aug- 2018	Introduction to Console I/O
		26- Aug- 2018	Sunday
8	27- Aug- 2018	-
	28- Aug- 2018	-
	29- Aug- 2018	-
	30- Aug- 2018	Discussion over formatted and Unformatted I/O
	31- Aug- 2018	Concept of Manipulators
	1- Sept- 2018	Revision of UNIT -2
	2- Sept- 2018	Sunday
9	3- Sept- 2018	Holiday
	4- Sept- 2018	
	5- Sept- 2018	
	6- Sept- 2018	**Sessional**
	7- Sept- 2018	Introduction to Compile-Time Polymorphism
	8- Sept- 2018	Unary Operators Overloading Through Member Functions
	9- Sept- 2018	Sunday
10	10- Sept- 2018	-
	11- Sept- 2018	-
	12- Sept- 2018	-
	13- Sept- 2018	**Assignment 2**
	14- Sept- 2018	Discussion over Binary Operators Overloading Through Member Functions
	15- Sept- 2018	Discussion over Unary Operators Overloading Through Friend Functions
	16- Sept- 2018	Sunday
11	17- Sept- 2018	-
	18- Sept- 2018	-
	19- Sept- 2018	-
	20- Sept- 2018	Function Overloading Concept
	21- Sept- 2018	Introduction to Inheritance: Types of Derivations
	22- Sept- 2018	**Sessional**
	23- Sept- 2018	Sunday
12	24- Sept- 2018	-
	25- Sept - 2018	-
	26- Sept - 2018	-
	27- Sept - 2018	Discussion over Forms of Inheritance
	28- Sept - 2018	Discussion over Roles of Constructors and Destructors in
	29- Sept - 2018	Revision of Unit 3
	30- Sept - 2018	Sunday
13	1- Oct- 2018	
	2- Oct- 2018	Holiday
	3- Oct- 2018	
	4- Oct- 2018	Introduction to Genericity in C++
	5- Oct- 2018	Discussion over Template Function
	6- Oct- 2018	Discussion over Template Class, Inheritance and Templates
	7- Oct- 2018	Sunday
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	8- Oct- 2018	-
	9- Oct- 2018	-
	10- Oct- 2018	Holiday
	11- Oct- 2018	Introduction to Exception Handling
	12- Oct- 2018	Discussion over Try, throw and catch constructs
	13- Oct- 2018	Rethrowing an Exception, catch all Handlers.
	14- Oct- 2018	Sunday
15	15- Oct- 2018	-
	16- Oct- 2018	-
	17- Oct- 2018	-
	18- Oct-2018	Revision
	19- Oct- 2018	Revision
	20- Oct- 2018	Revision
	21- Oct- 2018	Sunday
16	22- Oct- 2018	-
	23- Oct- 2018	-
	24- Oct- 2018	Holiday
	25- Oct- 2018	Discussion over Previous Year papers
	26- Oct- 2018	Discussion over Previous Year papers
	27- Oct- 2018	Revision
	28- Oct- 2018	Sunday
17	29- Oct- 2018	-
	30- Oct- 2018	-
	31- Oct- 2018	-