

## Lesson Plan (2019-2020)

Department-Computer Science

Subject- **BCA-366: Programming in Core Java**

Lesson Plan- 17 Weeks

Week	Date	BCA (6 <sup>th</sup> Sem) (BCA-366)
1	01.01.2020	Basic Principles of Object Oriented Programming
	02.01.2020	<b>Guru Gobind Singh Jayanti holiday</b>
	03.01.2020	
	04.01.2020	
	05.01.2020	<b>SUNDAY</b>
2	06.01.2020	Introduction to Java, History and Features of Java
	07.01.2020	Java Virtual Machine (JVM), Java's Magic Bytecode, The Java Runtime Environment
	08.01.2020	The Java Runtime Environment
	09.01.2020	
	10.01.2020	
	11.01.2020	
	12.01.2020	<b>SUNDAY</b>
3	13.01.2020	Basic Language Elements: Lexical Tokens, Identifiers, Keywords, Literals, Comments
	14.01.2020	Example
	15.01.2020	Revision
	16.01.2020	
	17.01.2020	
	18.01.2020	
	19.01.2020	<b>SUNDAY</b>
4	20.01.2020	Primitive Data types
	21.01.2020	Operators, Assignments
	22.01.2020	Input/output in Java: Basics, I/O Classes, Reading Console Input,
	23.01.2020	
	24.01.2020	
	25.01.2020	
	26.01.2020	<b>SUNDAY</b>
5	27.01.2020	doubts
	28.01.2020	Control Structures in Java: Decision Control Statements
	29.01.2020	Loop Control Statements
	30.01.2020	<b>Basant Panchmi</b>
	31.01.2020	
	01.02.2020	
	02.02.2020	<b>SUNDAY</b>
6	03.02.2020	Revision

	04.02.2020	Class and Object in Java: Defining Class in Java
	05.02.2020	Creating Objects of a Class, Defining Methods, Argument Passing Mechanism
	06.02.2020	
	07.02.2020	
	08.02.2020	
	09.02.2020	<b>SUNDAY</b>
7	10.02.2020	Class Test
	11.02.2020	Using Class and Objects, Constructors, Nested Class,
	12.02.2020	Inner Class, Abstract Class, Dealing with Static Members
	13.02.2020	
	14.02.2020	
	15.02.2020	
	16.02.2020	<b>SUNDAY</b>
8	17.02.2020	Assignment-1
	18.02.2020	Array & String in Java: Defining an Array, Initializing Accessing Array
	19.02.2020	Multi –Dimensional Array, Defining String, Operation on Array and String
	20.02.2020	
	21.02.2020	<b>Maha Shivratri</b>
	22.02.2020	
	23.02.2020	<b>SUNDAY</b>
9	24.02.2020	Creating Strings using String Class, Creating Strings using StringBufferClass
	25.02.2020	Polymorphism in Java: Basic Concept, Types
	26.02.2020	Overriding vs. Overloading, Implementation
	27.02.2020	
	28.02.2020	
	29.02.2020	
	01.03.2020	<b>SUNDAY</b>
10	02.03.2020	Access Attributes, Inheriting Data Members and Methods, Role of Constructors in Inheritance
	03.03.2020	<b>Sessional</b>
	04.03.2020	Use of “super”; Packages & Interfaces: Basic Concepts of Package and Interface
	05.03.2020	
	06.03.2020	
	07.03.2020	
	08.03.2020	<b>SUNDAY</b>
11	09.03.2020	<b>HOLI VACATIONS</b>
	10.03.2020	
	11.03.2020	
	12.03.2020	

	13.03.2020	
	14.03.2020	
	15.03.2020	<b>SUNDAY</b>
12	16.03.2020	Sessional
	17.03.2020	Organizing Classes and Interfaces in Packages, Defining Package, Adding Classes from a Package to Your Program
	18.03.2020	CLASSPATH Setting for Packages, Import Package, Naming Convention For Packages , Access Protection in Packages, Standard Packages
	19.03.2020	
	20.03.2020	
	21.03.2020	
	22.03.2020	<b>SUNDAY</b>
	23.03.2020	<b>Shaheedi diwas of Bhagat Singh</b>
13	24.03.2020	Assignment-2
	25.03.2020	doubts
	26.03.2020	
	27.03.2020	
	28.03.2020	
14	29.03.2020	<b>SUNDAY</b>
	30.03.2020	Exception Handling in Java: The Idea behind Exception, Types of Exception
	31.03.2020	Use of try, catch, finally, throw, throws in Exception Handling
	01.04.2020	In-built and User Defined Exceptions, Checked and Un-Checked Exceptions
	02.04.2020	
	03.04.2020	
	04.04.2020	
	05.04.2020	<b>SUNDAY</b>
15	06.04.2020	<b>MAHAVIR JAYANTI</b>
	07.04.2020	
	08.04.2020	
	09.04.2020	
	10.04.2020	
	11.04.2020	
	12.04.2020	<b>SUNDAY</b>
	13.04.2020	Applet in Java: Applet Basics, Applet Architecture, Applet Life Cycle, Applet Tag,

16	14.04.2020	Dr.BR.Amedkar Jayanti
	15.04.2020	Parameters to Applet, Embedding Applets in Web page, Creating Simple Applets
	16.04.2020	
	17.04.2020	
	18.04.2020	
	19.04.2020	<b>SUNDAY</b>
17	20.04.2020	GUI Programming: Designing Graphical User Interfaces in Java, Components and Containers
	21.04.2020	Using Containers, Layout Managers
	22.04.2020	AWT Components, AWT Classes, AWT Controls
	23.04.2020	
	24.04.2020	
	25.04.2020	<b>Parshuram Jayanti</b>
	26.04.2020	<b>SUNDAY</b>
	27.04.2020	Revision
	28.04.2020	Revision
	29.04.2020	Revision
	30.04.2020	