POST GRADUATE GOVT. COLLEGE SECTOR 46, CHANDIGARH
Department of Computer Applications
Weekly Teaching Planner (odd Semester) (Session 2022-23)

Name: Shefali Aggarwal　　　　　　　　　　　**Class: BCA 5th semester**

Subject: Java Programming

WEEK	FROM	TO	TOPICS TO BE COVERED
1	16.8.2022*	20.8.2022	Java and the Internet: The Java programming language and its characteristics; Java development kit, Java run-time environment; Java compiler Fundamentals of Java: Java Vs. C++, Byte Code, Java Virtual Machine
2	22.8.2022	27.8.2022	constants, variables, data types, operators, expressions, control structures, defining class, creating objects, accessing class members
3	29.8.2022	3.9.2022	constructors, Garbage Collection, method overloading, Inheritance: Different types of Inheritance, member access, using super keyword to call super class constructors
4	5.9.2022	10.9.2022	creating a multilevel hierarchy, method overriding, dynamic method dispatch, using abstract classes, using Final keyword. I/O Basics: streams, the predefined streams; Reading console Input, Writing console Output.
5	12.9.2022	17.9.2022	Arrays and Strings: One-dimensional and two-dimensional Arrays, String Handling using String and StringBuffer class, String Functions.
6	19.9.2022	24.9.2022	Packages: Types of packages, defining a package, Importing package
7	26.9.2022	1.10.2022	Access protection Interfaces ,Defining an Interface,
8	3.10.2022	8.10.2022	Mid-Semester Test w.e.f.1.10.2022 till 12.10.2022
9	10.10.2022	15.10.2022	Implementing Interfaces, Variables in Interfaces,Achieving multiple inheritance using interfaces Interface and Abstract classes
10	17.10.2022	22.10.2022	Exception Handling: Java Exception handling model, Types of exception, using Try and catch, Multiple Try and Catch clauses, Nested Try statements, finally block, user defined exceptions
	Period		
	From	**To**	

POST GRADUATE GOVT. COLLEGE SECTOR 46, CHANDIGARH
Department of Computer Applications
Weekly Teaching Planner (odd Semester) (Session 2022-23)

Name: Shefali Aggarwal   **Class: BCA 5ᵗʰ semester**
Subject: Java Programming

12	31.10.2022	5.11.2022	Creating Multiple Threads, Thread Priorities, Synchronizations: Methods, Statements, Inter Thread Communication, Deadlock, Suspending, Resuming and Stopping Threads.
13	7.11.2022	12.11.2022	Applet Programming: Introduction, Types of applet, Life Cycle, Incorporating an applet into web page using Applet Tag, running applets,Using Graphics class and its methods to draw lines, rectangles, circles, ellipses, arcs and polygons.
14	14.11.2022	19.11.2022	Using AWT controls: IntroductFlowLayout, BorderLayout, GridLayout Introduction to Event handling using Delegation Event Model.. ion to AWT, Creating GUI Applications using AWT
15	21.11.2022	26.11.2022	Java.SQL package, Connecting to the Database performing basic database operation like Insert, Delete, Update and Select