CSE Rameswari Patnaik SUBJECT: NO.OF DAYS/PER WEEKCLASS ALLOTTED: 4 WEEK CLASS DAY THEORY/PRACTICAL TOPICS 1 ^{3T} 1 ^{3T} Programming Languages 2 ND Object Oriented Programming 3 ^{8D} OOPS concepts and terminology 4 TH Benefit of OOPS 2 ND 1 ^{TT} Application of OOPS 2 ND NTRODUCTION TO JAVA 2.1 What is Java 3 ND Execution Model of Java 2.3 The Java Virtual Machine 4 TH A First Java Program 2.5 Variables and Data types 3 ND 1 ^{NT} Primitive Datatypes Boelarations 2 ND Numeric and Character Literals 2.8 String Literals 3 ND Arrays, Non-Primitive Datatypes 4 TH Casting and Type Casting 4 TH Casting and Narrowing Conversions 2 ND Operators and Expressions 3 ND OPERATOR STREET AND CLASSES 3.1 Concept and Syntax of Methods 4 TH OBJECTS AND CLASSES 3.1 Concept and Syntax of Methods 2 ND Defining a Class 3.3 Concept and Syntax of Methods 2 ND Defining Methods 3.5 Creating an Object 3 ND Access Incompleted String Methods 3.5 Creating and ClassData 4 TH Constructors 6 TH 1 ST Access specifiers 2 ND Access Modifiers 3 ND Access Control 4 TH USING JAVA OBJECTS 7 TH 1 ST String Builder and String Buffer 2 ND Methods and Messages 3 ND Methods and Messages 4 ^{NH} Parameter Passing 8 ^{NH} 1 ST Comparing and Identifying Objects 1 ^{NH} 1 ST Comparing and Identifying Objects 1 ^{NH} 1 ST Comparing and Identifying Objects 1 ^{NH} 1 ST Types of Inheritance 1 ^{NH} 1 ST Types of Inheritance 1 ^{NH} 1 ST Types of Inheritance 1 ^{NH} Multi-level Inheritance 1 ^{NH} Multi-level Inheritance	DISCIPLINE:	SEMESTER:3RD	NAME OF THE TEACHING FACULTY:	
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	4 TH	Hierarchical Inheritance
10 TH	1 ST	Hybrid Inheritance
	2 ND	POLYMORPHISM
	3 RD	Types of Polymorphism
	4 TH	Types of Polymorphism
11 TH	1 ST	Method Overloading
	2 ND	Method Overloading
	3 RD	Run time Polymorphism
	4 TH	Run time Polymorphism
12 [™]	1 ST	Method Overriding
	2 ND	PACKAGES: PUTTING CLASSES TOGETHER 7.1
		Introduction
	3 RD	Java API Packages 7.3 Using System Packages
	4 TH	Naming Convention 7.5 Creating Packages
13 TH	1 ST	Accessing a Package 7.7 Using a Package
	2 ND	Adding a Class to Package
	3 RD	Hiding Classes 7.10 Static Import
	4 TH	JAVA FILES AND I/O 05 8.1 What is a stream
14 TH	1 ST	Reading and writing to files(only txt files 8.3 Input and
		Output Stream
	2 ND	Manipulating Input data 8.5 Opening and Closing
		Streams
`	3 RD	Predefined streams
	4 TH	File handling Classes and Methods
15 [™]	1 ST	EXCEPTION HANDLING 9.1 Exceptions Overview
	2 ND	Exception Keywords 9.3 Catching Exceptions
	3 RD	Using Finally Statement 9.5 Exception Methods 9.6
		Declaring Exceptions
	4 TH	Defining and throwing exceptions 9.8 Errors and
		Runtime Exceptions