



*Sir Padampat Singhania Education
Centre
Kamla Nagar, Kanpur*

Lesson Plan
Session 2019 - 2020
Class: XI

Subject : **Informatics Practices(065)**
Book : **Saraswati Publication(Reeta Sahoo)**

HOD

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Sign:

Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur



Yearly Syllabus/Planning overview

Session: 2019 - 2020

Subject: Informatics Practices

Class: XI

No. of periods:

Month	Assessed in	Lesson/s to be covered	Period - Count
April	2019	Database Concepts	
May	2019	Database Concepts Continued--- Structure Query Language	
July	2019	SQL Select Statement	
August	2019	Introduction to PYTHON Elementary Concepts of Python	
September	2019	Input/ Output in Python Operators and Expressions in Python Conditional Statements in Python	
October	2019	Looping in Python Modules, Strings	
November	2019	Lists in Python Python Dictionaries	
December	2019	Data Handling Computing and Ethics	
January	2020	Cyber Safety Revision	
February	2020	Revision	



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Month	Date/Week		Lesson/s to be covered in classroom
	From	To	
April	22.4.19	27.4.19	Database Management System Relational Database,Data Models Keys- Primary ,Foreign,Candidate,Alternate
	29.4.19	04.05.19	Overview of SQL and MSQL Create Command,Integrity Constraints,Insert Command,DELETE Command
May	6.5.19	11.5.19	Alter(ADD,MODIFY),Dropping Column
	13.5.19	18.5.19	Altering Table Constraints,DELETE
	20.5.19	25.5.19	Making SQL Query,SELECT(FROM,WHERE)
June	1.6.19	27.6.19	Summer Break
	28.6.19	29.6.19	Operators,UPDATE,GROUP BY clause, Having clause
July	01.7.19	06.7.19	JOIN,Cartesian Product
	08.7.19	13.7.19	Equi-Join,Non-Equi Join
	15.7.19	20.7.19	BETWEEN , IS NULL,IN operator,LIKE Operator
	22.7.19	27.7.19	Solving Queries
	29.7.19	03.08.19	What is Python,Python Command Line, IDLE

August	05.8.19	10.8.19	Character Set,Tokens,Data Types
	12.8.19	17.8.19	Escape sequences,Printing Data
	19.8.19	24.8.19	Input () Function,Expressions,Operators
	26.8.19	31.8.19	Assignment,arithmetic,Logical,Relational,identity Operators.Type Conversion
September	02.9.19	07.9.19	Flow Charts,Decision Tree,Conditional Control
	09.9.19	14.9.19	Nested if, Looping Statements
	16.9.19	21.9.19	Half Yearly Examination
	23.9.19	28.9.19	Half Yearly Examination
	30.9.19	05.10.19	While Loop
October	07.10.19	12.10.19	For Loop, Loop Control Statements- Break , Continue, pass statement
	14.10.19	19.10.19	Python Modules,Strings,String Operations
	21.10.19	26.10.19	String function
	28.10.19	02.11.19	String Constants,Lists
November	04.11.19	09.11.19	Python Dictionaries
	11.11.19	16.11.19	Arrays-1D,2D arrays
	18.11.19	23.11.19	Computer and Ethics Intellectual Property
	25.11.19	30.11.19	Ethical Issues,Preventive Measures for Ethical Issues

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	From	To	
December	02.1 2.19	07.12.19	Cyber space, Cyber Crime
	09.1 2.19	14.12.19	Types of cyber Crime
	16.1 2.19	21.12.19	Social Networking, Cyber Safety
	23.1 2.19	28.12.19	Major Cyber Safety and Prevention
	30.1 2.19	04.01.20	Winter Break
January	06.0 1.20	11.01.20	Cyber Law
	13.1. 20	18.1.20	Revision
	20.1. 20	25.1.20	Revision
	27.1. 20	01.2.20	Revision
February	03.2. 20	17.2.20	Annual Examination